CONSTRUCTION NEWS

Engineering News-Record, Mar. 4, 1926

Some of the Week's Large Projects

AMONG the announcements for the current week of proposals, bids desired, and contracts awarded, are the following big jobs:

Proposed Work

Water and power development, Niagara Falls, N. Y., Lower Niagara River Power and Water Supply Co. plans power and water development, $35,000,000.

Office, New York, N. Y., New York Central Railroad Co. having plans prepared, $16,000,000.

Power plant, St. Louis, Mo., Union Electric Light & Power Co., plans to expend $11,000,000 in construction.

Y. M. C. A. Cleveland, O., Y. M. C. A. having surveys made, $4,000,000.

Railroad, Illinois, Pennsylvania R.R. Co., plans 10.3-mi. double track, $4,000,000.

High school, Louisville, Ky., Bd. Educ. plans high schools, $3,500,000.

Cement plant, Davenport, Iowa, Dewey Portland Cement Co., having plans prepared, $3,000,000.

Hotel and restaurant, Atlantic City, N. J., Childs Co., having plans prepared, $2,500,000.

Paving, Texas, Beaumont-Jefferson Co., plan bond election for paving 90-mi., $2,500,000.

Parkway, New York, Westchester Park Comn. plans extended Bronx River Parkway, $2,000,000.

Cement plant, Seattle, Wash., Washington Portland Cement Co., plans plant, $2,000,000.

Factory, St. Louis, Mo., Koken Co., plans factory, $2,000,000.

Roadwork, Clinton, Iowa, Clinton Co., plans 33-mi. road work, $1,500,000.

Sea Wall, Gulfport, Miss., Harrison Co., plans bond election, $1,400,000.

Bids Wanted On Big Jobs

Drainage, Baltimore, Md., Pub. Impvt. Comn. soon takes bids, $7,500,000.

High school, Chicago, Ill., Mar. 16. Bd. Educ. $4,000,000.

Hotel, Chicago, Ill., Kissman & Hirschfeld, archts. takes bids in March, $3,000,000.

Dredging, Galveston, Tex., U. S. Engineers Office takes bids about June 1, $3,000,000.

Piers, Poughkeepsie, N. Y., Mar. 30, State Dept. Pub. Wks., $2,145,535.

Dock, Superior, Wis., Mar. 12, Great Northern R.R. Co., St. Paul, Minn., $1,000,000.

Large Contracts Let During Week

Office, New York, N. Y., M. Natanson to G. Richard Davis, $6,000,000.

Subway, New York, N. Y., Bd. Transportation to La Rocca Constr. Co., $4,680,064.

Theatre, store, apartment, Waukegan, Wis., W. G. Burnett to J. J. Redding & Co., $1,200,000.

Theatre, Omaha, Neb., A. H. Blank Theatre Co. to Seldon-Breck Co., $1,000,000.

Warehouse, Houston, Tex., Southern Pacific R.R. Co. to Dwight P. Robinson Co., $1,000,000.

Hotel, Denver, Colo., Points Hotel Co. to H. Stenmark, $1,000,000.

PROPOSALS

For Proposals Advertised
see pages 151-156
Advertising Section

Bids Close		See Eng. News-Record
WATERWORKS		
Mar. 5	Long Island City, N. Y.	Feb. 25
Mar. 5	Brooklyn, N. Y.	Feb. 25
Mar. 5	New York City, N. Y.	Feb. 25
Mar. 6	Leamington, Ont.	Mar. 4
Mar. 8	Saugerties, N. Y.	Feb. 25
Mar. 8	Belle River, Ont.	Feb. 25
Mar. 8	White Springs, Fla. Adv. Feb. 25 and Mar. 4.	Mar. 4
Mar. 9	Amarillo, Tex.	Mar. 4
Mar. 9	Medford, Ore.	Feb. 25
Mar. 9	Detroit, Mich.	Feb. 25
Mar. 9	Marshfield, Mo.	Mar. 4
Mar. 10	Mount Union, Pa.	Mar. 4
Mar. 10	Niagara Falls, N. Y.	Mar. 4
Mar. 10	Kinston, N. C.	Mar. 4
Mar. 11	Brooklyn, N. Y.	Mar. 4
Mar. 11	Milwaukee, Wis.	Feb. 25
Mar. 12	Mount Shasta (Weed P. O.), Calif.	Mar. 4
Mar. 12	Ohiowa, Neb.	Mar. 4
Mar. 12	Abilene, Tex. Adv. Feb. 25 and Mar. 4.	Mar. 4
Mar. 15	Crane, Mo.	Feb. 18
Mar. 15	Edmonton, Alta.	Feb. 25
Mar. 16	San Rafael, Calif.	Feb. 25
Mar. 16	St. Louis, Mo.	Feb. 25
Mar. 17	Saugerties, N. Y. Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 17	Wilmington, Del.	Feb. 25
Mar. 22	San Diego, Calif.	Mar. 4
Mar. 22	Wolf Point, Mont. Adv. Mar. 4.	Mar. 4
Mar. 22	Yonkers, N. Y. Adv. Mar. 4.	Mar. 4
Mar. 26	East Paterson, N. J.	Feb. 18
Mar. 26	Wash., D. C. Adv. Mar. 4.	Mar. 4
Mar. 31	Warsaw, Ill.	Mar. 4
SEWERS		
Mar. 6	Cudahy, Wis.	Mar. 4
Mar. 6	Milwaukee, Wis.	Mar. 4
Mar. 9	St. Paul, Minn.	Mar. 4
Mar. 10	Waco, Tex.	Jan. 7
Mar. 10	Ravenna, O.	Mar. 4
Mar. 10	Phila., Pa.	Mar. 4
Mar. 10	Charlotte, N. C. Adv. Mar. 4.	Mar. 4
Mar. 12	Buffalo, N. Y.	Mar. 4
Mar. 12	Pontiac, Mich. Adv. Mar. 4.	Mar. 4
Mar. 12	Wash., D. C. Adv. Mar. 4.	Mar. 4
Mar. 15	Waco, Tex.	Jan. 21
Mar. 16	West Palm Beach, Fla. Adv. Feb. 18 to Mar. 4.	Feb. 18
Mar. 16	Barrington, Ill.	Mar. 4
Mar. 17	Wichita Falls, Tex.	Feb. 25
Mar. 18	Chicago, Ill.	Mar. 4
Mar. 24	Kansas City, Mo. Adv. Mar. 4.	Mar. 4
Mar. 25	Sioux Falls, S. D. Adv. Mar. 4.	Mar. 4
BRIDGES		
Mar. 6	Waynesburg, Pa.	Mar. 4
Mar. 8	Mercer, Pa. Adv. Feb. 18 to Mar. 4.	Feb. 18
Mar. 9	Louisiana	Feb. 18
Mar. 9	Indiana	Feb. 25
Mar. 10	Alabama	Feb. 25
Mar. 12	Tennessee	Feb. 25
Mar. 16	South Carolina	Feb. 25
Mar. 16	Michigan	Mar. 4
Mar. 18	Laverne, Okla.	Feb. 11
Mar. 30	Tampa, Fla. Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 30	Louisiana Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 30	Poughkeepsie, N. Y. Adv. Mar. 4.	Mar. 4
Mar. 30	Louisiana	Mar. 4
Apr. 6	Jones, La.	Mar. 4
EXCAVATION, DRAINAGE IRRIGATION, LEVEES RIVER AND HARBOR		
Mar. 10	St. James, Minn.	Feb. 25
Mar. 10	Newark, N. J. Adv. Mar. 4.	Mar. 4
Mar. 12	New Jersey	Feb. 25
Mar. 16	New Jersey	Mar. 4
Mar. 25	Hammond, La.	Mar. 4
Mar. 26	Shreveport, La.	Mar. 4
Apr. 5	Peru, Ind. Adv. Mar. 4.	Mar. 4
STREETS AND ROADS		
Mar. 5	New York Adv. Feb. 18 to Mar. 4.	Feb. 25
Mar. 6	Lebanon, Ind.	Feb. 25
Mar. 8	Muskegon, Mich.	Feb. 18
Mar. 8	Indianapolis, Ind.	Feb. 18
Mar. 8	De Kalb, Ill.	Feb. 25
Mar. 8	Hastings, Neb.	Mar. 4
Mar. 8	Maryville, Mo.	Mar. 4
Mar. 8	Kalamazoo, Mich.	Mar. 4
Mar. 9	Grand Rapids, Mich.	Mar. 4
Mar. 9	Maryland Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 9	North Dakota	Feb. 18
Mar. 9	Rosedale, Miss.	Feb. 18
Mar. 9	South Dakota	Feb. 25
Mar. 9	North Dakota	Feb. 25
Mar. 9	Eagle Lake, Tex.	Feb. 25
Mar. 9	Quebec	Feb. 25
Mar. 9	Phila., Pa.	Mar. 4
Mar. 9	Wisconsin	Mar. 4
Mar. 9	Tampa, Fla.	Mar. 4
Mar. 9	Towson, Md.	Mar. 4
Mar. 10	Baltimore, Md.	Mar. 4
Mar. 10	Alabama	Feb. 11
Mar. 10	Birmingham, Ala.	Feb. 18
Mar. 10	Wash., D. C.	Feb. 18
Mar. 10	Delaware	Feb. 18
Mar. 10	North Dakota	Feb. 25
Mar. 10	Alabama	Mar. 4
Mar. 10	Chicago, Ill.	Mar. 4
Mar. 10	Altoona, Pa.	Mar. 4
Mar. 11	North Dakota	Feb. 25
Mar. 11	Tuckerton, N. J.	Feb. 25
Mar. 11	Johnson City, Tenn.	Mar. 4
Mar. 12	Tampa, Fla. Adv. Mar. 4.	Mar. 4
Mar. 12	Tennessee Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 12	Ebensburg, Pa.	Mar. 4
Mar. 15	Anderson, Ind.	Mar. 4
Mar. 15	Summerville, W. Va.	Feb. 25
Mar. 15	Florida	Feb. 25
Mar. 15	Oklahoma	Feb. 25
Mar. 15	Reno, Nev.	Mar. 4
Mar. 15	Okemah, Okla.	Mar. 4
Mar. 16	West Virginia Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 16	Louisiana	Feb. 18
Mar. 16	St. Louis, Mo.	Feb. 25
Mar. 16	Sheboygan Falls, Wis.	Mar. 4
Mar. 16	Montana	Mar. 4
Mar. 16	Washington	Mar. 4
Mar. 17	Rhode Island Adv. Mar. 4.	Mar. 4
Mar. 19	Joliet, Ill.	Mar. 4
Mar. 19	Winfield, Kan.	Feb. 25
Mar. 19	Cleburne, Tex.	Mar. 4
Mar. 22	New Jersey Adv. Mar. 4.	Mar. 4
Mar. 23	Larned, Kan.	Mar. 4
Mar. 23	Pennsylvania Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 24	Holton, Kan.	Mar. 4

See proposal advertisements on page 151, Advertising Section.

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Jointing Water Mains

Laying 20-in. c. i. water mains with LEADITE joints thru rough and mountainous country.

Whether you are building an entirely new system or making an extension, laying large or small mains, you will save time, money and labor by using LEADITE.

In making a LEADITE joint NO CAULKING is necessary. Just yarn the joint and pour it full of molten LEADITE; it is an easy and quick operation.

LEADITE allows you to lay more pipe per day. This means getting water into the line without delay.

The quicker you get water to the consumer, the sooner the line produces revenue.

LEADITE makes the work easier on the men by eliminating much of the drudgery of pipe laying. You know what this means in the cold of winter and the heat of summer, and in bad trenches.

The varied applicability of LEADITE makes it the ideal material for jointing cast iron B. & S. water mains.

You will use LEADITE sooner or later as its advantages cannot help but appeal to you favorably.

Familiarize yourself with LEADITE now.

LEADITE does not corrode or rust.

Users know LEADITE makes a good joint.

LEADITE joints improve with age.

LEADITE has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with LEADITE are in service.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids Close		See Eng. News-Record
Mar. 25	Florida ..... Adv. Feb. 18 to Mar. 4.	Feb. 18
Mar. 26	Hays, Kan.	Mar. 4
Mar. 29	Oskaloosa, Kan.	Mar. 4
Mar. 30	Ottawa, Kan.	Mar. 4
Mar. 31	Erie, Kan.	Mar. 4

BUILDINGS—COMMERCIAL

Mar. 6	Norwich, Conn.	Mar. 4
Mar. 7	Phila., Pa.	Mar. 4
Mar. 8	Springfield, Mo.	Mar. 4
Mar. 9	Seymour, Ind.	Mar. 4
Mar. 10	London, Ont.	Feb. 25
Mar. 11	Thiells, N. Y. ..... Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 12	Pontiac, Mich.	Mar. 4
Mar. 12	Trenton, N. J.	Mar. 4
Mar. 13	Milwaukee, Wis.	Mar. 4
Mar. 15	Altoona, Pa.	Feb. 11
Mar. 15	Muncie, Ind.	Feb. 18
Mar. 15	Los Angeles, Calif.	Mar. 4
Mar. 15	Williamsport, Pa.	Mar. 4
Mar. 12	Anniston, Ala.	Mar. 4
Mar. 18	Catonsville (br. Baltimore), Md.	Mar. 4
Mar. 20	West Springfield (br. Springfield), Mass.	Mar. 4
Apr. 1	Gulfport, Miss.	Mar. 4
Apr. 1	Lakewood (br. Cleveland), O.	Feb. 11
Apr. 1	Moline, Ill.	Jan. 14
Apr. 1	Youngstown, O.	Dec. 31

BUILDINGS—INDUSTRIAL

Mar. 5	Phila., Pa.	Mar. 4
Mar. 9	Phila., Pa.	Mar. 4
Mar. 9	Iowa City, Ia.	Mar. 4
Mar. 15	New Orleans, La.	Mar. 4
Mar. 15	Des Moines, Ia.	Mar. 4
Mar. 15	Lankershim, Calif.	Feb. 25

BUILDINGS—EDUCATIONAL, RELIGIOUS

Mar. 6	Indianapolis, Ind.	Mar. 4
Mar. 8	West Pittston (Pittston P. O.), Pa.	Feb. 25
Mar. 8	Maplewood (br. South Orange), N. J.	Feb. 18
Mar. 8	Dayton, O.	Feb. 11
Mar. 9	Orange, Mass.	Feb. 25
Mar. 10	Valparaiso, Ind.	Feb. 25
Mar. 10	Danielson, Conn.	Feb. 25
Mar. 10	Stowe (mail Lowell), O.	Mar. 4
Mar. 10	Goldsboro, N. C.	Mar. 4
Mar. 10	Minneapolis, Minn.	Mar. 4
Mar. 11	Columbia, Pa.	Mar. 4
Mar. 13	Lakewood (Cleveland P. O.), O.	Feb. 25
Mar. 15	Lewistown, Pa.	Jan. 21
Mar. 15	Ypsilanti, Mich.	Mar. 4
Mar. 16	Chicago, Ill.	Mar. 4
Mar. 17	Anderson, Ind.	Mar. 4
Mar. 17	Baltimore, Md.	Mar. 4
Mar. 19	Dayton, O.	Feb. 25
Mar. 22	East Cleveland (Cleveland P. O.), O.	Mar. 4
Apr. 14	Fordson (Detroit P. O.), Mich.	Mar. 4

FEDERAL GOVERNMENT WORK

Mar. 8	Post Office—Jackson, Mich.	Feb. 18
Mar. 9	Cement—Louisville, Ky. ..... Adv. Feb. 11 to Mar. 4.	Feb. 11
Mar. 10	Post Office—Terre Haute, Ind.	Feb. 18
Mar. 12	Remodeling—Michigan City, Ind.	Feb. 25
Mar. 15	Remodeling—Mobile, Ala.	Feb. 25
Mar. 15	Dam—Louisville, Ky. ..... Adv. Feb. 18 to Mar. 4.	Feb. 18
Mar. 16	Wicket Irons, etc.—Louisville, Ky. ..... Adv. Mar. 4.	Mar. 4
Mar. 16	Walks—Camp Custer (br. Bottle Creek), Mich.	Mar. 4
Mar. 17	Radio Tower — Eureka, Calif.	Mar. 4
Mar. 17	Dredging—Toledo, O. ..... Adv. Feb. 18 to Mar. 4.	Feb. 18
Mar. 22	Foundations—Dayton, O. ..... Adv. Feb. 25 and Mar. 4.	Feb. 25
Mar. 24	Ash Handling Equipment — Great Lakes (br. Waukegan), Ill.	Mar. 4
Mar. 25	Roadway—Florence, Ala. ..... Adv. Mar. 4.	Mar. 4
Mar. 27	Remodeling—Fort Wayne, Ind. ..... Adv. Mar. 4.	Mar. 4
Mar. 29	Gates—Denver, Colo. ..... Adv. Mar. 4.	Mar. 4
Apr. 1	Cruiser, etc.—Wash., D. C. ..... Adv. Feb. 25.	Feb. 25

UNCLASSIFIED

Mar. 6	Heating, Ventilating, etc. — Indianapolis, Ind.	Feb. 25
Mar. 11	Subway—Wash., D. C.	Mar. 4
Mar. 12	Dock—Superior, Wis.	Mar. 4
Mar. 16	Culverts—Primghar, Ia.	Mar. 4
Mar. 18	Lighting System—Gouverneur, N. Y.	Feb. 18
Mar. 23	Panels, Filters, etc.—Wellington, N. Z.	Jan. 21
Mar. 24	Heating System—Rochester, N. Y. ..... Adv. Mar. 4.	Mar. 4

MATERIALS

Mar. 9	Oils, etc.—Iowa	Mar. 4
Mar. 9	Road Oil—Chicago, Ill.	Mar. 4
Mar. 9	Road Tar—La Crosse, Wis.	Mar. 4
Mar. 9	Asphalt—London, Ont.	Mar. 4
Mar. 10	Limestone, etc.—Chicago, Ill.	Mar. 4
Mar. 11	Paving Materials—Buffalo, N. Y.	Mar. 4
Mar. 12	Cables, etc.—Evansville, Ind.	Feb. 25
Mar. 15	Road Signs—Minnesota	Mar. 4
Mar. 16	Paints, etc.—Iowa	Mar. 4
Mar. 20	Road Oil—Sturgeon Bay, Wis.	Mar. 4
Mar. 22	Pipe—Montreal, Que.	Mar. 4
Apr. 6	Lumber—Jones, La.	Mar. 4

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Miss., Biloxi—See "Unclassified."

Miss., Okolona—Soon takes bids 100,000 gal. steel tank on 125 ft. steel tower. A. C. Rowe, city clk.

O., Columbus—Franklin Co. soon takes bids 20,760 ft. 6- to 16-in. c.i. mains in Clinton Twp., Impvt. Dist. 2, $54,000, and 11,820 ft. 6- to 12-in. c.i. mains in Franklin Twp., Impvt. Dist. 79, $28,000; 2,800 ft. 8 in. and 340 ft. 6 in. extension sewers, etc. in Clinton Twp. Impvt. Dist. 2, $4,700. E. G. Bradbury, 406 Court House Annex, co. engr.

Mich., Warren — Making plans waterworks, incl. mains, connections, and pumping equipment. $53,000. G. H. Ruhling & Co., 16549 Woodward Ave., Highland Park, engrs.

Ill., Collinsville—Defeated $40,000 bonds, waterworks improvements. Noted Jan. 7.

Ill., Grayslake—Village Clerk takes bids about Mar. 5, water and sewer extensions in various streets. $25,000. Marr, Green & Co., 400 North Michigan Ave., Chicago, engrs.

Ill., Wilsonville (R. Sta. Dorchester) — Making preliminary plans waterworks and distribution system, incl. several miles 4- to 8-in. c.i. mains, etc. $50,000. W. A. Fuller Co., 1917 Ry. Exch. Bldg., St. Louis, Mo., engrs.

Wis., Whitefish Bay—W. Volkman, village clk., making plans extending 6.5 mi. c.i. mains in various streets. T. F. Buckley, Village Hall, engr.

Ia., Dubuque—Plans 500,000 gal. rein.-con. circular reservoir, 85 ft. diam., 12 ft. deep, with rein.-con. slab cover, also 42 x 140 ft. rein.-con. slab cover for present reservoir. Engineer not selected.

Nebraska—Omaha Metropolitan Utilities Dist. plans approximately 10 mi. mains between Omaha and Ft. Crook. $50,000-$75,000. T. A. Liesen, City Hall, Omaha, engr.

Neb., Beatrice — Election soon $25,000 bonds. 2 m.g. reservoir. C. E. Thornburg, Beatrice, engr.

Mo., Savannah—Election Mar. 9, $60,000 bonds, impounding reservoir and filtration plant, etc. J. M. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs. Noted Oct. 29.

Mo., Webster Groves (Ind. br. St. Louis) —Election Mar. 16, $150,000 bonds, rein.-con. reservoir and extending mains in various streets.

Tex., Houston—Election soon $1,000,000 bonds improving water supply. J. C. McVea, city engr.

Tex., Nacogdoches—Voted $50,000 bonds, waterworks improvements. Address W. I. Baker, mayor. Noted Jan. 7.

Okla., Kaw City — Making preliminary plans waterworks extensions, incl. mains, pumping equipment, etc. $20,000. Grant, Fulton & Letton, 505 Bankers Life Bldg., Lincoln, Neb., engrs.

Wash., Bellingham — City Water Dept., J. B. McMillan, supt., plans mains in South Bellingham. $78,000.

Wash., Tacoma—City Water Dept., plans replacing 2,600 ft. wooden stave gravity pipe line from Green River with 52 and 54 in. steel pipe. $66,000. Noted July 30.

Calif., Beaumont — Beaumont Irrigation Dist., plans election $25,000 bonds, drilling wells, purchasing pumps and constructing pipe line. C. R. Sumner, H. W. Hellman Bldg., Los Angeles, engr.

Calif., Beverly Hills—Plans to purchase two multiplex type, electric, direct connected booster pumping units, complete with motors. B. J. Firminger, city clk.

Calif., Orange — Plans election $215,000 bonds, improving water system. J. B. Lippincott, Central Bldg., Los Angeles, consult. engr.

Calif., Redwood City—City plans to purchase 2,000 lin.ft. 6 in., and 6,000 lin.ft. 4 in. c.i. Class B water pipe, standard weight, bell and spigot, not less than 12 ft. lengths and not more than 16 ft. lengths, also four 6 in. and sixteen 4 in. c.i. tees. W. A. Price, city clk.

Calif., Rio Vista—Plans election $16,250 bonds, c.i. pipe system, and $13,500 bonds, to purchase new pump and gas engine.

Calif., Riverside — Making plans 42 in. reinforced pipe line, 12 m.g. reservoir, and 30 in. steel pipe line connecting reservoir to existing mains. $350,000 or more. A. P. Campbell, city engr. Noted Jan. 7.

Calif., Walnut Creek — Plans election $25,000 or more bonds, purchase privately owned water system, approximately $6,500, and balance, extensions and improvements.

Que., Quebec—Plans aqueduct extension. $90,000. W. D. Baillarge, Quebec, engr.

Que., Shawinigan Falls—Plans extending actual waterworks to Lee Hetres Ward. $38,000. J. H. Valiquet, Shawinigan Falls, engr.

Ont., Chatham—Plans replacing existing steam pumps used as stand by units with gasoline driven 3 stage centrifugal pumps. $10,000-$15,000. C. H. Fuller, City Hall, engr.

Ont., Grimsby — Town Waterworks Comn. plans new 1,000 x 1,500 ft. steel intake pipe with flexible joints. $15,000.

Ont., Hamilton—City Council plans replacing waterworks steam driven pumps with gasoline driven equipment. W. McFaul, City Hall, engr.

Ont., Owen Sound—Pub. Utilities Comn., C. Gordon, City Hall, plans waterworks chlorinating system. $5,000.

Ont., Toronto — Plans equipment at waterworks plant for removal chlorine taste from water supply. $32,262. R. C. Harris, City Hall, engr.

Ont., Toronto—Making plans 2,000 ft. 16 in. c.i. main connecting main on Macpherson Ave. with main on Wrentham Pl., $35,000; also 2,600 ft. 20 in. c.i. main connecting between mains on St. Clair Ave. and Cottingham Rd., $58,142. R. C. Harris, City Hall, engr.

Ont., Toronto—Scarborough Twp. soon takes bids 1,000 gal., 3 stage centrifugal pump with 100 hp. electric motor. $7,500. R. Harrison, 1361 Kingston Rd., engr.

Ont., Wallaceburg—Town Council, C. B. Jackson, clk., plans to purchase 100 waterworks meters. $1,500.

Ont., Windsor—City Waterworks Comn. plans steam driven emergency pump and enlarging pumping station. $25,000. M. E. Brian, City Hall, engr.

Sask., Saskatoon — Plans 2 oil driven pumps and generator in pumping station, also replacing present steam driven standby pumps in station. $40,000. G. D. Archibald, city engr.

BIDS DESIRED

N. Y., Brooklyn—Mar. 11, by Park Bd., Arsenal Bldg., Central Park, 5th Ave. and 46th St., New York City, F. P. Gallatin, pres., vitr. and c.i. drains at Atlantic Ocean Terminus of Ocean Parkway, here.

N. Y., Yonkers—Mar. 22, at office Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, recirculating, filtering and sterilizing equipment plant in filter room in connection with outdoor swimming pool, Tibbetts Park, here, Contr. 79. J. Downer, ch. engr.; adv. E. N.-R. Mar. 4. Noted Feb. 11 under "Unclassified."

Pa., Mount Union — Mar. 10, by C. R. Gracey, secy. Boro Council, Municipal Hall, 4,500 ft. 12 in. c.i. pipe in Singers Gap to proposed storage reservoir. D. W. Dillman, Altoona Trust Bldg., Altoona, engr.

D. C., Wash.—Mar. 26, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave. N. W., watermains and sewers, Contrs. 58- W & S 59-W & S. R. B. Morse, Hyattsville, Md., ch. engr. of dist.; adv. E. N.-R. Mar. 4.

N. C., Kinston — Mar. 10, by Executive Com. Caswell Training School, alterations and additions to boys dormitory, incl. pump house, reservoir, water system, 2 centrifugal pumps, 1 fire pump of 1,000 gal capacity per minute, etc. Benton & Benton, Wilson, archts.

Fla., White Springs—Mar. 8, by Town Bd. Bond Trustees, improving waterworks and sewerage systems, etc. Main Eng. Co.,

See proposal advertisements on page 151, Advertising Section.

Better Concrete in 3 Days

Engineering News-Record Editorial Explains High Early Strength Concrete

Concrete with a "3-day strength of over 2500 pounds has been attained," says *Engineering News-Record,* February 18, p. 266, in an editorial on the new methods for obtaining high early strength concrete as announced by the Universal Portland Cement Co. "And that strength," continues the editorial, "obviously is high enough to permit liberties of form removal and of use far beyond anything possible with concrete as ordinarily produced."

This quick-hardening, strong concrete is obtained in *3 days* with standard *Universal* cement, the same quality *Universal* as ordinarily used. Furthermore, by using these methods, you not only get strong concrete quickly, but in addition you get concrete that is much better and much stronger forever after.

Detailed information on this time-saving concrete made with standard *Universal* cement gladly furnished on request to

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland New York

Concrete for Permanence

Waterworks (Continued)

112 Baker St., Daytona Beach, engrs.; adv. E. & R. Mar. 4.

La., **Shreveport** — See "Contracts Awarded."

Ill., **Warsaw**—Mar. 31, by E. Ziegler, city clk., waterworks improvements, incl. 250 g.p.m. rapid sand filter plant, with pumps, motors, etc., 2,500 ft. 4 and 8 in. c.i. pipe, 100,000 gal. tank on tower, etc. $30,000. E. Flad & Co., 1312 Chemical Bldg., St. Louis, Mo., engrs.

Neb., **Ohiowa**—Mar. 12 (extended date), by J. P. Moor, city clk., waterworks, Sect. 1, 35,000 gal. or 50,000 gal. tank on 100 ft. tower to balcony, erected on foundation; Sect. 2, 11,016 ft. 4- to 8-in. Class "B" c.i., McVane precalked joint c.i. or DeLavaud Class "150" c.i. pipe; Sect. 3, 4,220 ft. 2 in. galvanized or c.i. pipe; Sect. 5, 8 or 10 in. well, approximately 200 ft. deep; Sect. 6, single or two stroke deep well pump, 45 g.p.m. at 30 crank r.p.m.; Sect. 7, one 7½ or 10 hp. 3 phase, 220 volt, 1,200 r.p.m. A.C. motor; Sect. 8, labor and material to lay pipe and set hydrants, valves, etc.; Sect. 9, labor and tools, pipe fittings and material, etc., to install pump and motor; Sect. 10, furnishing labor, tools, etc., for pump house. Noted Jan. 28.

Mont., Wolf Point — Mar. 22, by City, deep well turbine equipment; adv. E. N.-R. Mar. 4.

Mo., Marshfield—Mar. 9, by City Clerk, complete waterworks and distribution system. $55,000. Gantt-Baker Co., 1116 West Main St., Oklahoma City, Okla., engrs. Noted Feb. 4.

Mo., Maryville—See "Streets and Roads."

Tex., Abilene—Mar. 12, by City Comn., 500,000 gal. elevated water tank. O. K. Hobbs, city engr.; adv. E. N.-R. Mar. 4.

Tex., Amarillo—Mar. 9, by J. D. Bartlett, city mgr., Abilene, municipal water supply system, here, for City. $75,000.

Tex., Floresville — Taking bids waterworks improvements. $40,000. F. E. Hess, Floresville, engr.

Okla., Pond Creek—City in market 350 g.p.m. centrifugal pump direct connected to 100 hp. Marine type gasoline engine for waterworks plant. J. H. Asher, mayor.

Calif., Mount Shasta (mail Weed)—Mar. 12, by City Trustees, extending waterworks, 4,200 cu.yd. excav., 12,500 ft. 10 in. pipe with fittings, one 100,000 gal. or one 200,000 gal. tank, etc. Former bids rejected. H. B. Ream, city engr. Noted Jan. 23.

Calif., San Diego — Mar. 22, by A. H. Wright, city clk., 8 mi. mains from El Capitan dam site to Lakeside Twp., and 17 mi. mains from Lakeside Twp. to University Heights reservoir, 30 and 36 in. c.i. B. and S., 32 and 36 in. lock bar steel or 34 and 38 in. double and triple riveted steel pipe, etc. F. A. Rhodes, city engr. T. A. Mills, assistant engr.

Ont., Leamington—Mar. 6, by A. Hairsine, clk. Mersea Twp., 80 hp. Diesel engine on concrete foundation with standard equipment, at East Marsh Pumping station. $15,000-$20,000. J. J. Newman, Davis Blk., Windsor, engr.

Ont., Niagara Falls—Mar. 10, by B. Carr, engr., City Hall, 5 m.g. capacity electrically driven centrifugal pump, for Water Comrs.

BIDS RECEIVED

N. Y., Buffalo—Commissioner Pub. Wks., Feb. 18, from Mueller Co., Decatur, Ill., corporation cocks, $1,663; from R. E. Wood & Co., 400 Chestnut St., Phila., Pa., one hundred 5 ft. hydrants, $7,250; from Reading Steel Casting Co., Inc., c/o Amer. Chain Co., Inc., 929 Connecticut Ave., Bridgeport, Conn., two hundred seventy-seven 6- to 16-in. iron body, bronze mounted, heavy hub end, double gate valves, $9,484; from J. B. Clow & Sons, 201-299 North Talman Ave., Chicago, Ill., 6- to 26-in. c.i. pipe, $48.90 per ton, and 6- to 26-in. fittings, $95 per ton; from U. S. Cast Iron Pipe & Fdry. Co., 957 East Ferry St., 6- to 16-in. pipe at $48.50 per ton, 36 in. pipe $48 per ton, and special castings at $98 per ton. Noted Feb. 11.

O., Cincinnati—Director Pub. Serv., 1,253 tons c.i. pipe and 15 tons special castings for water distribution system in Duck Creek Rd., Burk and Bevis Aves., from U. S. Cast Iron Pipe Co., Addyston, $57,546. Engrs. est. $55,000.

CONTRACTS AWARDED

Mass., Wayland — Bd. Selectmen waterworks, to General Contg. Co., Bath, Me. Engrs. est. to exceed $15,000. Noted Jan. 28.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Ely Ave., Sunswick, 47th Sts., etc. also in 60th Ave., Dartmouth Sts., etc. 2nd Ward, to Norton & Rigney, 137th St., Richmond Hill, $6,666 and $4,944 respectively. Noted Feb. 25.

N. J., New Brunswick—City Comn., 7,000 lin.ft. 6- to 8-in. pipe, also fittings, to R. D. Wood Co., 400 Chestnut St., Phila., Pa., at $51 per ton and $0.065 per lb. respectively.

Md., Baltimore — Bd. Awards, c.i. pipe and fittings for Bureau Water Supply, to R. D. Wood & Co., 400 Chestnut St., Phila., Pa., $75,131. Noted Feb. 11.

Md., Baltimore—Mayor and City Council, electrical equipment for addition to Montebello filters, to H. E. Crook Co., 28 Light St., $32,671. Noted Feb. 25.

La., Morganza — Crude oil engine and pump, to Fairbanks-Morse Co., 608 Magazine St., New Orleans, $1,778; concrete machinery foundations, concrete reservoir, pumping station, pipe line, etc., to P. J. Montgomery, Kaplan, $4,610, 25,000 gal. tank on tower, to Chicago Bridge & Iron Co., 37 West Van Buren St., Chicago, Ill., $2,785; 1,000-1,200 ft. deep well, to Gray Artesian Well Co., Pensacola, Fla., at $3.50 per ft.; 2,680 ft. 4 in. c.i. pipe and 6,600 ft. 2 in. steel pipe, etc., to Dixie Mill & Supply Co., 901 Tchoupatoulas St., New Orleans, $3,091.

La., Shreveport — Kansas City Southern R.R., Kansas City, Mo., will build water pumping station, incl. approximately 9,000 lin.ft. pipe, etc., here, by day labor. $27,000. A. W. Reece, Kansas City, Mo., ch. engr.

Tenn., Knoxville—City Council, to J. M. Dunn & Son, Bway. and Depot Sts., waterworks improvements, Sects. A, B, C and D, $585,000; to Burford, Hall & Smith, Atlanta, Ga., Sect. G $126,007, Sect. H $35,416, Sect. I $4,337, Sect. J $13,650, Sect. K $3,411, Sect. L $4,885, Sect. M $5,049; to M. P. Baird & Co., Phila., Pa., Sect., Q $67,500; to Pittsburgh Des Moines Steel Co., Curry Bldg., Pittsburgh, Pa., Sect. R $3,388; to Ludlow Valve Mfg. Co., foot of Adams St., Troy, N. Y. and Michigan Valve Mfg. Co., Detroit, Mich., Sect. S, $25,405; to U. S. Cast Iron Pipe & Fdry. Co., Burlington, N. J., Sect. T, $67,388; to Simplex Valve & Meter Co., 722 Race St., Phila., Pa. Sect. U, $4,785; to Tennessee Armature & Motor Wks., 211 West Cumberland Ave., Sect. V, $3,675; to Warner Serv. Co., Knoxville, Sect. W, $5,175. Grand total $955,071. Noted Jan. 21.

O., Cincinnati— For 16- to 36-in. vertical and horizontal by-pass valves to water distribution system, to Michigan Valve & Fdry. Co., 3631 Parkinson St., Detroit, Mich., $12,235; 1,310 tons 6- to 36-in. c.i. pipe for mains in Central Parkway from 8th and Eggleston Sts. to Findlay St., to U. S. Cast Iron Pipe Co., Addyston, $67,211. Noted Feb. 18.

O., Cincinnati — Comrs. Hamilton Co., Water Supply Line 7, Dist. 1 (Silverton-Contr. 1), 3,400 ft. 16 in. c.i. pipe, etc., to Crumley, Jones & Crumley Co., 906 Main St., $26,206. Engrs. est. $24,000. Noted Jan. 21.

Wis., Racine — Bd. Water Comrs., City Hall, general construction filtration plant, to Peterson-Colwell Co., Inc., 646 Builders Exch., Minneapolis, Minn., $177,681; venturi meters, to Simplex Valve & Meter Co., 30 North Michigan Blvd., Chicago, Ill., $1,425; c.i. pipe, to Lynchburg Fdry. Co., 122 South Michigan Ave., Chicago, Ill., $9,884; wash water tank, to Grover Corp., 28 East Jackson Blvd., Chicago, Ill., $4,635; and wash water pumps, to Amer. Well Wks., 38 South Dearborn St., Chicago, Ill., $742. Grand total $194,367. Noted Feb. 11.

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., to Layne-Bowler Wisconsin Co., 425 East Water St., Milwaukee, boring artesian well 1,000 ft. to 1,700 ft. more or less in depth, 24 in. casing at $25 per ft., 18 in. $13, 12 in. $8, remaining depth $6 per ft., installing 24 in. casing $9 per ft., 18 in. $14, and 12 in. $7. Noted Feb. 4.

Mo., St. Louis—G. J. Dietz, supply comr., to U. S. Cast Iron Pipe & Fdry. Co., Bessemer, Ala., 1,260 ton 20 in. and 800 tons 36 in. pipe at $45.40 per ton f.o.b. St. Louis, total $93,524; and to Natl. Cast Iron Pipe Co., 2700 North 25th St., Birmingham, Ala., 30 tons 3 in. c.i. pipe $56.50, 50 tons 4 in. $50, 576 tons 6 in. $46, 20 tons 8 in. $46, and 440 tons 12 in. $46, total $56,390. Noted Feb. 18.

Mo., St. Louis—For 20 unit 80 m.g.d. capacity filtration plant, to McCormack Combs Constr. Co., 318 North 8th St., $715,903. Noted Dec. 24.

Tex., Port Arthur — City Comrs., City Hall, pumps for purification plant, to Dayton-Dowd Co., Quincy, Ill.; motors, to General Electric Co., River Rd., Schenectady, N. Y.; filters, to Roberts Filter Mfg. Co., Darby, Pa. Engrs. total $80,000. Noted Dec. 31.

Colo., Ft. Collins — E. A. Lawber, city engr. and W. Keirsted, consult. engr., 11,656 ft. trench and water mains, to Lock Joint Pipe Co., 1716 California St., Denver, $83,678.

Ont., Belle River—Village, general contract excavation and laying 1,650 ft. 16 in. steel mains in various streets, to S. S. Carnahan, Amherstburg; pipe and flexible joints, to J. Ingles Co., Strachan Ave., Toronto. Engrs. est. $15,000. Noted Aug. 27.

Sewers

PROPOSED WORK

Md., Baltimore—Pub. Impvt. Comn. soon takes bids Gwynns Run Diversion Drain, 4,800 lin.ft. 12½ ft. x 11½ ft., concrete and brick, horseshoe shaped. $7,500,000. M. J. Ruark, City Hall Annex, sewerage engr.

D. C., Wash.—See "Waterworks."

Miss., Biloxi—See "Unclassified."

O., Akron—W. F. Peters, dir. Pub. Wks., soon takes bids 3,755 ft. 8- to 30-in. vitr. sewers in Riverside Dr. et al. $27,300, and 6,600 ft. in Glenwood Ave. et al. $35,900; 4,700 ft. 8- to 36-in. in Diagonal Rd. et al. $38,800; also 1,700 ft. 24 in. in Hawkins Ave. 5, $28,900. J. E. Root, Municipal Bldg., engr.

O., Columbus—See "Waterworks."

O., Hamilton—Making plans 2½ mi. 36 in. storm sewer in Ross Ave. from Lawn Ave. to Miami River, known as Ross Ave. Relief Sewerage System. $85,000. W. Willard, City Hall, engr.

Mich., Flint — Plans storm sewers in various streets, $128,850; also sanitary and intercepting sewers, $136,220. H. C. McClure, engr.

Wis., Madison—W. Winckler, city clk., making plans 6- to 16-in. sewer in Linden Hill Sewer Dist. $25,000. Engineer not selected.

Wis., Whitefish Bay — W. Volkmann, village clk., made plans 5 mi. sanitary and 1.5 mi. storm sewers in various streets. T. F. Buckley, village engr.

Ia., Hastings — Plans election $140,000 bonds, sewerage system. Engineer not selected.

Ia., Oelwein — City Clerk takes bids about Mar. 15, 90 x 170 ft., trickle beds for sewage disposal plant, $55,000-$60,000. J. A. Dunkle, Webster City, engr. Noted Dec. 31.

Mo., Excelsior Springs — Election in spring $35,000 bonds, sewage disposal plant, etc. Noted Sept. 10.

Ark., Conway—Making preliminary plans disposal plant and sewer extensions in annex to Sewer Dist. 1. Parkes Eng. Co., Citizens Bank Bldg., Pine Bluff, engrs.

Calif., Gilroy—Made plans 11,100 ft. 8- to 12-in. vitr. sewer, etc., in various streets. C. E. Sloan, Santa Fe Bldg., San Francisco, engr.

Calif., Palo Alto—Made plans improving Cowper St., Santa Ynez, California and Nevada Aves., etc., 3,420 lin.ft. vitr. sanitary sewer, 1,780 lin.ft. 12 in. concrete storm drains, 2,695 ft. 4 and 6 in. c.i. water pipe, etc. J. F. Byxbee, Jr., city engr.

Calif., San Fernando—Made plans sewers in Sanitary Dist. 1, 56,151 lin. ft. 8- to 18-in. vitr. or cement pipe, 120 ft. 8- to 16-in. c.i. pipe, etc., to exceed $80,000; also sewers in Sanitary Sewer Dist. 2, $60,000 or more. Black & Veatch, Ferguson Bldg., Los Angeles, engrs. Noted Feb. 25.

Calif., Whittier — See "Streets and Roads."

Ont., New Liskeard—Town plans 2 sewage pumps, electrically operated in connection with sewage disposal works. $5,000. J. I. Dixon, town clk.

Ont., Startford — Plans North Shore Trunk Sewer, 3,500 ft. brick or concrete pipe. $40,000. A. B. Manson, City Hall, engr.

Ont., Toronto—East York Twp. making plans 1,260 ft. 12- to 18-in. vitr. tile sewers in Donlands Ave., $15,112; also 1,355 ft. 12 in. sewer in Doncaster Ave., $13,423. G. R. Jack, 443 Sammon Ave., Toronto, engr.

B. C., Burnaby—Making plans lateral sewers in various locations. $80,000. E. Smith, Edmonds, Burnaby, engrs.

BIDS DESIRED

N. Y., Buffalo—Mar. 12, by Commissioner Pub. Wks., 425 ft., 8½ x 8½ ft. rein.-con. overflow sewer on piles, in Bailey Ave. across old Buffalo River. $25,000. C. E. P. Babcock, Municipal Bldg., engr. Noted Feb. 25.

Pa., Phila.—Mar. 10, by Dept. Pub. Wks., Bureau of Engineering, Schedule A, branch sewers in Carpenter Lane, Godfrey Ave., Tabor Rd., Aldine, Almond, Bridge, Cottage, Crispin, Ditman, 4th, Gillespie, Hegerman, Hilton, Horrocks, Howard, Keystone, Ryan, Salmon, Torresdale, Tudor, 21st, 34th, Victoria and Westview Sts.; Schedule B, main

See proposal advertisements on page 151, Advertising Section.

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THIS INDUSTRIAL crawling tractor crane, shovel and dragline is producing 50-man-power results in handling the heavy loads of industry. It is cutting deep into the high costs of manual material-handling and recovering a buried treasure of non-productive dollars. The type DC is a masterpiece of design and construction. Its outstanding superiority is guaranteed by America's pioneer crane builders. Over fifty years of untarnished business integrity and highly specialized skill and experience form its background.

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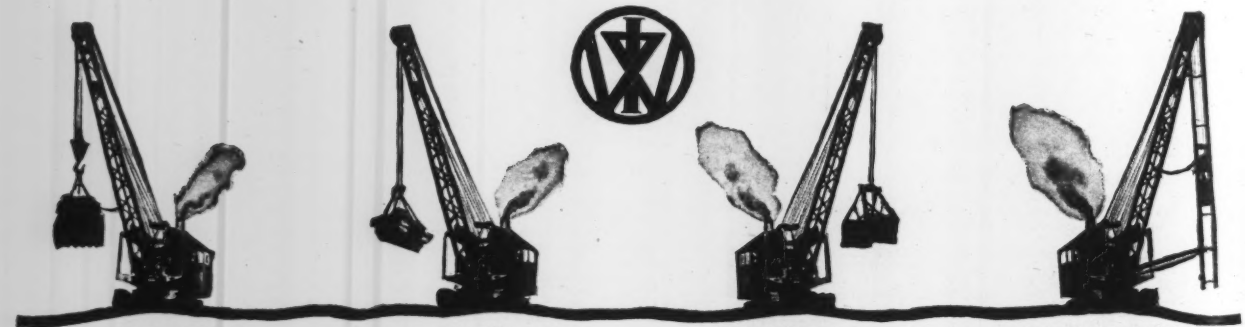
Bay City, Michigan



MAGNET GRAPPLE CLAMSHELL PILE DRIVER

Sewers (Continued)

sewers in Tacony Creek Park between Tacony Creek and Rising Sun Ave. and Rising Sun Ave. between Chew and Clarkson Aves., etc. G. H. Biles, dir.

D. C., Wash.—Mar. 12, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave. N. W., c.i. manhole frames and covers, listed in Contr. 55. R. B. Morse, Hyattsville, Md., ch. engr.; adv. E. N.-R. Mar. 4.

N. C., Charlotte—Mar. 10, by Bd. City Comrs., sewers in various streets. E. Read, city clk.; adv. E. N.-R. Mar. 4.

Tenn., Johnson City — See "Streets and Roads."

Fla., White Springs—See "Waterworks."

O., Kent—Mar. 10, by Comrs. Portage Co. (Ravenna) sanitary sewer in Longemere St. west of here. $25,000.

Mich., Pontiac—Mar. 12, at office H. A. Maurer, city clk., City Hall, constructing N. W. Trunk Sanitary Sewer, etc., Contr. 3. J. R. Pollock, city engr.; adv. E. N.-R. Mar. 5.

Ill., Barrington — Mar. 16, by Village, Village Hall, disposal station, 12- to 60-in. vitr. tile and concrete sewers in various streets. $300,000. Suhr, Berryman & Peterson, 105 North Clark St., Chicago, engrs.

Ill., Chicago—Mar. 18, by E. Wallace, clk. Sanitary Dist. of Chicago 910 South Michigan Ave., Ninth Branch Sewage Pumping Station, Div. "AA," 3 synchronous motor driven centrifugal pumping units, each 75 cu.ft. per second capacity and 5 with 300 cu.ft. per second capacity and appurtenances complete f.o.b. as near station as possible; also North Side Sewage Treatment Works, Div. "S" Alternate A, four 500 hp. water tube boilers, complete with automatic traveling grate stokers, etc., Alternate B, four 500 hp. water tube boilers complete with mechanical oil burners, etc. at North Side Sewage Treatment Wks.

Wis., Cudahy—Mar. 6, by J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., Milwaukee, Sect. 4 Cudahy Sewer, 4,910 ft. 36 in. concrete pipe, 7,315 ft. special section concrete sewer, 665 vertical ft. standard and 270 vertical ft. drop manholes, etc. T. C. Hatton, c/o owner, engr.

Wis., Milwaukee—Mar. 6, by Dept. Pub. Wks., R. E. Stoelting, comr., storm sewers in 26th St., 1,333 ft. 7 ft. 6 in. and 1,345 ft. 7 ft. monolithic sewer tunnel, 3 manholes approximately 121 ft. deep, 1 standard gauging chamber, etc. J. Schwada, City Hall, engr.

Ia., Audubon—Taking bids disposal plant, incl. filter and Imhoff tank, 12,000 ft. 18 in. outlet, etc. $60,000. W. E. Buell & Co., 206 Davidson Bldg., Sioux City, engr. Noted Feb. 4.

Minn., St. Paul—Mar. 9, by A. E. Eggert, city purch. agt., approximately 6,000 ft. 12- to 30-in. and 813 ft. 48 in. sewer, etc., for Maryland-Como Sewerage System, Contr. B. $50,000. G. M. Shepard, city engr.

S. D., Sioux Falls — Mar. 25, by City Commissioners, sewage treatment plant and appurtenances for Divs. A, B, C, D and E. A. A. Chenoweth, 226 Paulton Blk., consult. engr.; adv. E. N.-R. Mar. 4.

Mo., Kansas City—Mar. 24, by Bd. Pub. Wks., City Hall, Accessory Sewers 1 and 2 to Blue River Sewer, etc. Black & Veatch and E. M. Stayton, Mutual Bldg., consult. engrs.; adv. E. N.-R. Mar. 4. Noted Feb. 4.

BIDS RECEIVED

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Feb. 24, from A. Mattia, 310 North 65th St., branch sewers in Atlantic St. between Gaul and Belgrade Sts. $15,718, Erdrick St. between Napfle and Hartel Sts. $24,467, Pickwick St. between Salmon and Thompson Sts. $3,846; from Vattieri & Pontarelli, 523 Rising Sun Lane, Gaul St. between Tioga and Venango Sts. $15,954, Hartel and Meriden Sts. between Franklin and Erdrick Sts. $24,559, and Lycoming St. between M and N Sts. $26,259; from McIntyre Constr. Co., 6811 North Franklin St., Miller St. between Atlantic and Venango Sts. $16,517, Cottman St. between Rowland and Sackett Sts. $12,014, Lansing St. between Franklin and Walker Sts. $26,128, and 58th St. between Gibson and Elmwood Sts. $4,491; from J. Moss, 1652 Wakeling St., Cheltenham St. between Frontence and Loretto Sts. $4,773; from A. Bonitatibus, 300 West Mt. Pleasant Ave., Edgewood St. between Gibson and Eastwick Sts., $5,666; from A. Parna & Son, 752 South 10th St., 45th St. between Sansom and Walnut Sts. $3,170, and Theodore St. between 69th and 70th Sts., $5,830; from A. Di Sandro & Son, 3906 North 5th St., Markland St. between Hunting Park and Lycoming St., $8,999; from Pastore & Co., 5903 Woodland Ave., Millick St. between Gibson and Eastwick Sts., $6,228; from F. Buckins, 4050 Kensington Ave., N St. between Luzerne St. and Hunting Park, $24,895; from A. Frunzi, 536 High St., Silverwood St. between Fountain and Delarm Sts., $14,064; from De Mayo Bros., 817 South Hutchins St., Spangler St. between Allegheny and Clearfield Sts. $9,069; from P. Pinciatti, 4103 Roosevelt Blvd., Vankirk St. between Loretto and Oxford Sts., $22,083; from O'Neill Co., 127 East Mermaid St., main sewer in Sanger St., $27,814; from C. G. Centrone, Bailey Bldg., Aramingo Ave., $39,989; and from Acchione & Caruso Paving Co., sewers and pumping station equipment for south of Pattison Ave. and west of Broad St. $66,262, also sewers and pumping station south of Packer and west of Broad Sts. $37,305. Noted Feb. 18.

O., Cleveland — Bd. Comrs. Cuyahoga Co. sewer in Snow Rd., from Gantose Constr. Co., Columbia Bldg., $49,739.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., Feb. 13, two 2,500 g.p.m. motor driven float controlled centrifugal pumps, for Mud Creek low level sewage booster station, Villard Ave., from Amer. Well Wks., 112 North Bway., Aurora, Ill., $8,570. Noted Feb. 4.

Calif., Glendale—City Council, Feb. 18, from A. G. Giebisch, Virgil Walk, Long Beach, sewer in Sewer Dist. 2, 8,281 ft. 10 in. vitr. pipe $1.95 per ft., 80 ft. 10 in. pipe encased $2.60, 58,840 ft. 8 in. vitr. pipe $1.60, 46 ft. 8 in. encased $2.10, etc. total approximately $165,605. Noted Jan. 21.

Calif., Los Angeles—For 10,024 ft. 6 in. rein.-con. and 10,125 ft. 8 in. vitr. clay sewer in June St., from M. Chutuk, 1506 Pleasant Ave., $23,237. Engrs. est. $25,535.

Calif., Oakland—From W. J. Tobin, 527 Santa Ray Ave., sewer in Webster St. between 12th and 20th Sts., 126 lin.ft. 24 in. vitr. pipe $4.40, 2,960 lin.ft. 18 in. $3.40, 799 lin.ft. 15 in. $2.74, 573 lin.ft. 12 in. $2.17, 628 lin.ft. 10 in. $1.73, 207 lin.ft. 10 in. vitr. pipe conduit $1.73, etc. Noted Feb. 4.

Calif., Richmond—A. C. Faris, city clk., 23,570 ft. 6- to 10-in. vitr. sewer, etc., in Costa, Rheem Sts., etc., and 30,159 ft. 6- to 10-in. vitr. sewer, etc., portions of Howard North Sts., etc., from L. L. Page, 728 Bissel Ave., $15,667 and $19,398 respectively. Noted Feb. 18.

CONTRACTS AWARDED

Ill., Niles Center—Village Clerk, Howard Ave. Sewer, vitr. tile and concrete pipe, etc., to N. Santucci, Oak Park, $701,953.

Ill., East St. Louis—See "Streets and Roads."

Wis., Wauwatosa—Bd. Pub. Wks., A. V. Brigham, secy., to A. H. Koch, 2917 Grand Ave., Milwaukee, 8 in. vitr. sewers in Albert St. $758, Aberdeen Court $1,064, and Pleasant St. $341, to Ribbens Bros., Mayville, Richmond Court $924, and Rogers Ave. $676; to Mierswa Constr. Co., 1619 Oregon St., Oshkosh, East North Ave. $325; to G. E. Zimmermann, 3402 Grand Ave., Milwaukee, East North Ave. $21,186. Grand total $25,274. Noted Feb. 4.

Wis., Milwaukee — Dept. Pub. Wks., monolithic concrete storm sewers in Sect. 4, to Wenzel & Henoch Constr. Co., 498 27th St., $204,582; Sect. 5, to J. Brogan & Sons, 211 Grand Ave., $102,786; Sect. 6, to M. Synovitz, 944 2nd Ave., $138,217; Lake St., to Mierswa Constr. Co., 1619 Oregon St., Oshkosh, $6,438; also St. Paul and 22nd Sts., to P. & L. Co., Edgewater Ave., $11,844 and $1,241 respectively. Grand total $465,008. Noted Feb. 25.

Ark., Little Rock — See "Streets and Roads."

Calif., Los Angeles—Constructing Sect. 2 Arroyo de la Sacatella storm drainage system, to W. F. Peck, Hollywood Security Bldg., $764,765. Noted Feb. 18.

Calif., Los Angeles—Sewer in Milton Ave. between Melrose and 3rd Sts., to M. J. Simonovich, 727 Alpine St., $74,061, engrs. est. $75,621; also Burnside Ave., to J. Chutuk, 343 Wilcox Bldg., $26,681, engrs. est. $27,124. Noted Feb. 25.

Waste Disposal

PROPOSED WORK

Ont., Walkerville—Bd. Pub. Wks., A. J. Stephens, chn., plans concrete and brick garbage incinerator with furnaces, etc. $25,000-$40,000. Noted Jan. 28 under "Streets and Roads."

BIDS DESIRED

Calif., Long Beach—C. D. Windham, city engr., taking bids incinerator. $75,000 or more. R. D. Van Alstine, city engr.

Bridges

PROPOSED WORK

North Carolina—State Hy. Dept., Raleigh, plans rein.-con. bridges and culverts on Project 398, Robeson Co. $32,000, Project 591, Rockingham Co. $45,000, and Project 6690, Rowan Co. $42,000. C. M. Upham, Raleigh, engr.

North Carolina — State Hy. Dept., Raleigh, rejected bids Feb. 8, rein.-con. bridge on Project 303, Bladen Co. $27,700. Will readvertise. Noted Feb. 11.

Ga., Wrightsville — See "Streets and Roads."

Miss., Biloxi—See "Unclassified."

Mich., Flint — Plans bridge over Flint River connecting Harrison and Clifford Sts. with 2nd Ave. and Payne St. $125,000. H. C. McClure, city engr.

Ill., Mount Carmel — State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, plans rein.-con. bridge across Wabash River, Wabash Co., here. F. T. Sheets, ch. engr.

Ia., Toledo—See "Streets and Roads."

Minnesota and Wisconsin—R. C. Buck, Inc., engrs., 15-16 U. S. Natl. Bank Bldg., Superior, Wis., making plans and take bids about Apr. 1, 3,600 ft. steel bascule bridge, incl. 2 spans opening upward at center, 30 ft. approach at each end, etc., over St. Louis River, connecting Duluth, Minn., and Superior, Wis., for Arrowhead Bridge Co., 522 Lyceum Bldg., Duluth, Minn. $500,000.

Minn., Duluth — Duluth, Missabe & Northern R.R., W. H. Hoyt, Duluth, ch. engr. and Duluth & Northern Pacific R.R. Co., St. Paul, H. E. Stevens, ch. engr., plan 4 concrete bridges on Beck's Road Blvd. connection. $45,000.

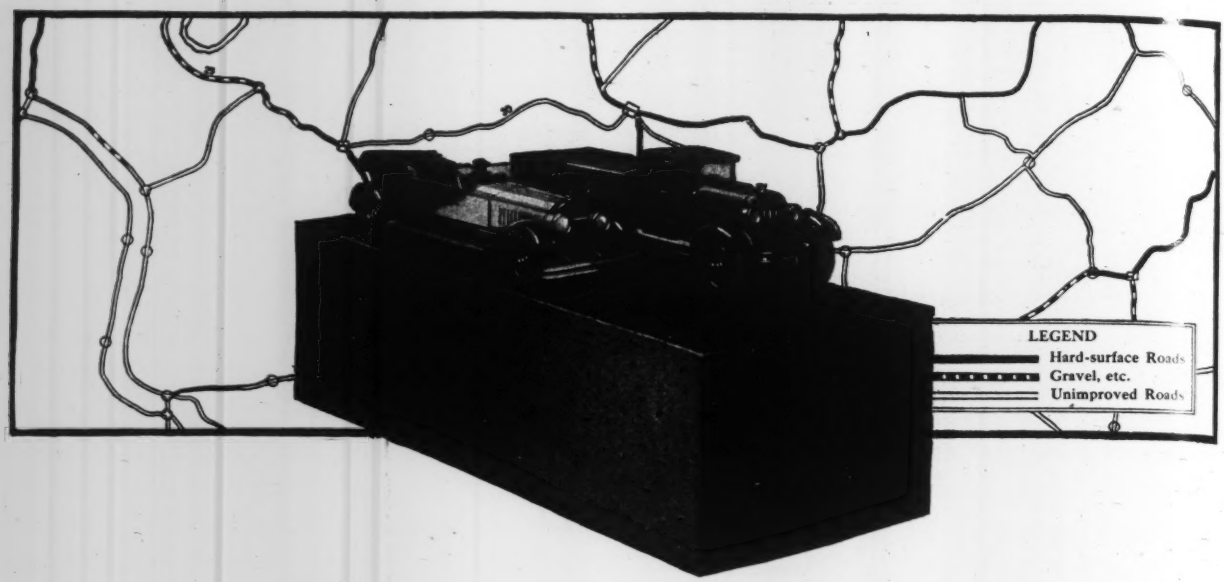
Missouri — State Hy. Dept., Jefferson City, making plans three 80 ft. steel truss spans, etc., on road from Lamar west, Barton Co.; two 10 ft. and two 12 ft. rein.-con. slab spans, etc., over stream, one 20 ft. rein.-con. slab span, etc., over south fork Deer Creek, one 30 ft. rein.-con. deck girder span, etc., over north fork Deer Creek, one 40 ft. rein.-con. deck girder span, etc., over Mackafish Branch, also one 60 ft. steel truss and two 30 ft. rein.-con. deck girder spans, etc., over Marmon Fork, all foregoing in Bates Co.; two 12 ft. and one 24 ft. rein.-con. slab span, etc., over McKinney Branch, one 20 ft. rein.-con. slab span, etc., over Smith Branch, three 20 ft. rein.-con. slab and one 45 ft. rein.-con. deck girder spans, etc., over Richland Creek, all in Callaway Co.; three 24 ft. rein.-con. slab spans, etc., over Green Valley, four 40 ft. rein.-con. and one 140 ft. steel truss spans, etc., over James River, Christian Co.; two 80 ft. steel truss and two 30 ft. rein.-con. deck girder spans, etc., over Petite Saline, Cooper Co.; two 45 ft. rein.-con. deck girder spans, etc., over Wild Cat Creek, Douglas Co.; three 100 ft. rein.-con. open spandrel spans, etc., over Sac River, Greene Co.; two 10 ft. rein.-con. slab, etc., over Kaolin Branch, Iron Co.; four 12 ft. rein.-con. slab, one 40 ft. and one 45 ft. rein.-con. deck girder spans, etc., over Heart Grove Creek, and two 12 ft., rein.-con. slab spans, etc., over Mouse Creek, all foregoing in Jackson Co.; one 80 ft. steel truss and two 35 ft. I-beam spans, etc., over Blackwater River, also one 80 ft. steel truss and four 35 ft. I-beam spans, etc., over Blackwater D. D., all in Johnson Co.; one 40 ft. rein.-con. deck girder and two 20 ft. rein.-con. slab spans, etc., over stream, Lewis Co.; four 22 ft. rein.-con. slab spans, etc., over Frederick Creek, Oregon Co.; two 12 ft. rein.-con. slab spans, etc., on Sta. 459 plus 12, two 30 ft. rein.-con. deck girder spans, etc., on Sta. 380 plus 90, and one 30 ft. rein.-con. deck girder span on Sta. 521 plus 27, all in Polk Co.; three 30 ft. rein.-con. deck girder spans, etc., over Beeler Creek, Texas Co.; and three 24 ft. rein.-con. slab spans, etc., over Willow Branch, Vernon Co. B. H. Piepmeier, ch. engr.

Mo., Carthage—City and State Hy. Dept., Jefferson City, making preliminary plans rein.-con. viaduct to carry State Highway over railroad tracks. $225,000. City, state and railroads appropriate toward cost. This corrects report in Feb. 18 issue under "Joplin, Mo."

Mo., Springfield — Plans election soon, $390,000 bonds, rein.-con. viaduct, Grant Ave.; $310,000 bonds for Robberson St. viaduct, and $200,000 bonds Benton St. viaduct.

Ark., Cody (mail Hulbert) — Arkansas City and State Hy. Dept., Little Rock, making plans 167 ft. vertical lift span bridge, Crittenden Co., near here. To

See proposal advertisements on page 151, Advertising Section.



The only reason that

there are not more miles of improved roads at your service, is the brutally excessive annual cost of maintaining and repairing inferior pavements already laid.

Keeping old roads open is the leak through which your tax-dollars are pouring.

Those communities in which vitrified brick pavements were laid 20, 25, 30 and 35 years ago are the fortunate ones. Many of those streets and roads have not yet cost the tax-payers a dollar in repairs. In numbers of instances those veteran brick pavements have outlasted two and three successive nearby pavements built of other materials.

Don't let this upkeep and maintenance leak continue into the future. Advocate to your neighbors, friends and business associates *vitrified brick*—the pavement that outlasts the bonds.

For facts and figures to support your arguments, let us send you official data and information collected from public records.

NATIONAL PAVING BRICK MANUFACTURERS ASS'N
Engineers Building Cleveland, Ohio

Advocate VITRIFIED **Brick**

The Pavement That OUTLASTS The Bonds

Bridge (Continued)
exceed $25,000. Harrington, Howard & Ash, Crear-Leslie Bldg., Kansas City, Mo., engrs.

Tex., Abilene—See "Streets and Roads."

Tex., Dickens—See "Streets and Roads."

Tex., Groesbeck — See "Streets and Roads."

Tex., Quanah—See "Streets and Roads."

Okla., Lovedale (Buffalo P. O.) — State Hy. Dept., Oklahoma City, making preliminary plans 2 span 144 ft. steel truss bridge on concrete piers, Blaine Co., here. $31,000. J. M. Page, highway engr.

BIDS DESIRED

N. Y., Poughkeepsie — Mar. 30 by F. S. Greene, supt. Pub. Wks., 55 Lancaster St., Albany, 2 main piers Mid Hudson Bridge, Contr. 3, here; $2,145,535.; adv. E. N.-R. Mar. 4.

Pa., Waynesburg — Mar. 6, by Comrs. Greene Co., Court House, double 60 ft. span concrete bridge over South Ten Mile Creek, State Highway Route 268, about 3 mi. east of here; also temporary bridge and approaches for accommodating traveling public while new bridge is being built in Franklin Twp. T. B. Dinsmore, Waynesburg, co. engr.

Louisiana—Mar. 30, by State Hy. Comn., Baton Rouge, **(S. A. P. means State Aid Project)**, 69 ft. creosoted timber bridge over Little Bayou Block, Houma-Central Highway, S. A. P. 530-A, and 59 ft. bridge over Bayou Canne, Houma-Thibadoux Highway, S. A. P. 531-A, both in Terrebonne Parish; also 61 ft. bridge over drainage canal on Raceland-Lockport Highway, S. A. P. 344-C, Lafourche Parish. W. B. Roberts, Reymond Bldg., highway engr.

La., Jones—Apr. 6, by Police Jury Morehouse Parish, (Bastrop) 526 ft. creosoted timber and steel bridge over Bayou Bartholomew, at Zachary Ferry, Project 77, here. J. W. Brodnax, pres.

Ore., Kernville—State Hy. Dept., Salem, taking bids bridge over Siletz River, Lincoln Co., here. $85,000. Former bids rejected. R. Klein, Salem, engr. Noted Jan. 21.

BIDS RECEIVED

Pennsylvania—State Hy. Dept., Harrisburg, Feb. 19, rein.-con. and steel bridge on South Creek-Victory Twp. Rd., Route 233, Venango Co., from A. C. Bailey, Phillipsburgh, $92,107. Noted Jan. 24, under "Streets and Roads."

La., Hammond—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Ohio — Dept. Highways & Pub. Wks., Columbus, improving bridge by extending abutments and building slab rail Sect. "H" Natl. Rd. Harmony Twp., Clark Co., from Standard Eng. Co., 2463 B'way., Toledo, $21,181; building 100 ft. span bridge plate girder encased in concrete over Buck Creek, Sect. "N" same road, from Reedy Bros., Warren $46,607, and 86 ft. span concrete arch bridge Sect. "C" Kenton-Wapakoneta Rd., Hardin Co., from Anstine & Carey, Kenton, $16,858; removing present steel bridge and constructing concrete culvert Sect. "I" Muskingum Rd., Washington Co., from H. Pattin, Beverly, $11,232.

Michigan — State Hy. Dept. at office comrs. Shiawassee Co., Corunna, superstructure Bridge File 761,306, two 65 ft. spans, from J. P. Walters, Owasso, $26,746; steel, from Amer. Bridge Co., 2273 Beecher St., Detroit, $6,555. Noted Feb. 4.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, 150 ft. steel superstructure on Route 1, Sect. 2-C, Iroquois Co., 160,030 lb. reinforcing, etc., from Vincennes Bridge Co., Vincennes, Ind., $22,480; three 35 ft. span concrete girder bridge over railroad tracks, Route 1, Sect. 38-V, Johnson Co., from W. H. Shons, 11 South Liberty St., Freeport, $7,986; one 60 ft. span steel superstructure and repairing abutments, on Route 7, Sect. 8-D, Bureau Co., 42,600 lb. reinforcing, etc., from L. A. Plum, Wapella, Ia., $2,834; substructure for one 85 ft. span bridge on Route 29, Sect. V-1, Bureau Co., from Hurtgen & Sayer, St. Louis, Mo., $14,696; and one 85 ft. steel superstructure on Route 29, Sect. V-2, Bureau Co., 100,000 lb. reinforcing, etc., from Schmidt Constr. Co., Peoria, $7,912. Noted Feb. 11.

Illinois—See "Streets and Roads."

Oklahoma—State Hy. Dept., Oklahoma City, Feb. 2, 3 span rein.-con. trestle bridge at Turner Falls, Murray Co., from W. K. Davis, Madill, $70,019. Engrs. est. $90,000. Noted Jan. 21.

CONTRACTS AWARDED

Massachusetts—See "Railways."

N. J., Paterson — Passaic Co., Moffit Bridge, to Parker-Graham Co., 191 Railroad Ave., Paterson, $208,370.

South Carolina—See "Streets and Roads."

Georgia — State Hy. Dept., East Point, bridge over Altamaha River, also 2 approaches, all on Lyons-Baxley Rd., Federal Aid Project 427, Toombs and Appling Counties, to Hardaway Constr. Co., Columbus Bldg., Columbus, $195,264.

Alabama—State Hy. Dept., Montgomery, **(F. A. P. means Federal Aid Project, S. A. P. means State Aid Project and c. e. engrs. est.)**, 425 ft. steel superstructure over Coosa River, S. A. P. 41, Cherokee Co., to Vincennes Bridge Co., Vincennes, Ind., $54,631, e. e. $61,567; 431 ft. bridge on Town Creek-Federal Aid Project 38 Rd., S. A. P. 101, Lawrence Co., to G. A. Thompson, Macon, Ga., $31,892, e. e. $32,532; 1,800 ft. bridge on Federal Aid Project 150, Tuscaloosa Co., to Peterson & Ernhart, Montgomery, $77,928, e. e. $101,209; 485 ft. bridge on Seale-Girard Rd., S. A. P. 50-B, Russell Co., to McCoy & Garrett, Lafayette, $31,193, e. e. $35,000. Grand total $195,644. Noted Feb. 25.

O., Dayton — G. F. Baker, dir. Pub. Serv., two 95 ft. span half through steel girder bridge encased in concrete, 24 ft. roadway, two 7 ft. sidewalks over Wolf Creek, at Williams St., to E. F. Smith. Summit St., $77,950. Noted Feb. 4.

Illinois—See "Streets and Roads."

Ia., Denison—Crawford Co., 140 ft. high truss bridge, 20 ft. with 40 ft. I-beam approach spans, etc., on Federal Aid Project 232-E, to Snyder & Johnson, Humboldt, $25,900. Noted Feb. 18.

Texas and Mexico—Eagle Pass & Piedras Negras Co., 1st Natl. Bank Bldg., Eagle Pass, twenty 25 ft. I-beam trestle, three 150 ft. and two 72 ft. riveted steel truss span bridge across Rio Grande River, between Eagle Pass, Tex., and Piedras Negras, Mexico, to Pioneer Constr. Co., 101 New York Life Bldg., Kansas City, Mo. $202,003.

Okla., Wetumka — Hughes Co., steel over Canadian River, 3 mi. from here, to Yeocum, Gaines & Mackey, Oklahoma City, $62,000; and steel bridge over Wewoka Creek, 4 mi. from here, to H. Cowens, Wetumka, $56,000.

Washington—State Hy. Dept., Olympia, replacing existing temporary structures with one 126 ft. steel, two 82 ft. and one 55 ft. concrete I-beam spans, etc., between Chehalis and Cowlitz, Chehalis, & Cascade R.R. tracks, on State Rd. 1, Lewis Co., to D. Nygren, 3216 Government Way, Seattle, $53,545. Noted Jan. 28.

Calif., Oakland — Alameda Co. reconstructing steel bridge over Estuary, on Webster St., here, to J. H. Tillman, 310 East Cabrillo St., Santa Barbara, $149,000. Noted Feb. 25.

Dams

PROPOSED WORK

Nev., Lovelock — Lovelock Water Users Assn., plans election $1,200,000 bonds, Oreana Dam 1 on Humboldt River earth fill type, 1,585 ft. long. 100 ft. high to irrigate more than 30,000 acres. King & Malone, Cheney Bldg., Reno, engrs. Noted Nov. 12.

Tex., La Grange — See "Excavation, Drainage, Irrigation, Levees, Dam, River and Harbor."

Railways

PROPOSED WORK

Illinois—Pennsylvania R.R. Co., Broad St. Sta., Phila., Pa., W. G. Coughlin, ch. engr., plans 10.3 mi. double track from Altamont to Brownstown, 12.7 mi. from Pierron to St. Jacobs and 22 mi. from Casey to Montrose, here. $4,000,000.

Nebraska—Chicago, Burlington & Quincy R.R. Co., A. W. Newton, ch. engr., 547 West Jackson Blvd., Chicago, Ill., making plans improving tracks, and roadbed, also enlarging roundhouse, in Omaha. $1,250,000.

Ontario—Windsor Hydro-Electric Railways, Windsor, plan double tracking Ouellette Ave. and Wyandotte St., etc., in Windsor. $1,000,000. A. Fairley, c/o owner, engr. Noted Dec. 17.

Ontario—Canadian Natl. R.R. Co., C. S. Gzowski, ch. engr., 231 St. James St., Montreal, Que., plans relaying approximately 50 mi. 100 or 110 lb. rails between Chatham and Windsor. $750,000.

Ontario—Hydro-Electric Power Comn. of Ontario, 190 University Ave., Toronto, plans constructing larger loops in downtown district of Windsor; also purchase 12 new electric street cars. $250,000. F. A. Gaby, c/o owner, engr.

CONTRACTS AWARDED

Massachusetts — Boston & Albany R.R., F. B. Freeman, ch. engr. North Sta., Boston, 4 mi. main track incl. 7 or 8 culverts, and 1 bridge, from Warren to West Warren, to New England Constr. Co., 274 Main St., Springfield. Engrs. est. $250,000.

Excavation, Drainage, Irrigation, Levees River and Harbor

PROPOSED WORK

Illinois—Dept. Purchases & Construction, State House, Springfield, rejected bids Jan. 5, Brandon Road Pool, incl. 202,000 cu.yd. excav., 150,000 yd. concrete and 2,000,000 lb. steel and iron, at Joliet. Work may be readvertised. Noted Jan. 14.

Wis., Milwaukee—See "Buildings—Commercial."

Tex., LaGrange — Colorado River Impvt. Assn., A. J. Ellers, pres. plans forming irrigation district embracing portions of Bastrop, Fayette, Colorado, and Wharton Counties, and constructing dam across Colorado River. $5,000,000-$10,000,000. Engineer selected soon.

Nev., Lovelock—See "Dams."

Calif., Whittier—See "Streets and Roads."

BIDS DESIRED

New Jersey—Mar. 16, by Morris Canal & Banking Co., Dover, reconstructing and dismantling Sects. 58-85 Morris Canal from Port Morris to Boonton, Morris Co. H. B. Kummel, State Office Bldg., Trenton, genl. engr.

N. J., Newark—Mar. 10, by Dept. Pub. Affairs, City Hall, T. L. Raymond, dir., 500,000 cu.yd. dredging and 30,000 cu.yd. rock removal, in City Channel, Port Newark Terminal; adv. E. N.-R. Mar. 4.

La., Hammond — Mar. 25, by Comrs. Tangipahoa D. D. 1, H. Carrol, secy., dredging 69 mi. canals and laterals, incl. 2,600,000 cu.yd. excav.; also 3 concrete and 33 timber bridges. E. G. Frieler, Hammond, engr.

La., Shreveport—Mar. 26, by State Bd. Engineers, New Courthouse, New Orleans, widening and deepening 15 mi. Kelly Bayou from Arkansas state line to Black Bayou; also for bank protection at White Hall plantation, for Caddo Levee Dist. $70,000.

Ind., Peru—Apr. 5, by Bd. Comrs. Peru Flood Control Dist., Cole Blk., concrete wall with sluiceways, gates, etc. L. E. Roberts, Old Post Office Bldg., ch. engr.; adv. E. N.-R. Mar. 4.

Wis., Milwaukee—Van Ryn & De Gelleke, archts., 114 Grand Ave., taking bids excavating for 2 story and basement, 60 x 110 ft., 65 x 250 ft., and 66 x 83 ft., brick and tile school, plain foundation, Hartford Ave., for Milwaukee University School, 560 Bway. $400,000.

CONTRACTS AWARDED

New Jersey — Hudson Co. (Jersey City) Mosquito Extermination Comn., Trust Co. of New Jersey Bldg., Bergen and Sip Aves., Jersey City, 75,000 ft. (more or less) drainage ditches, and clearing 150,000 ft. (more or less) old drainage ditches, on salt marsh meadows, Hudson Co., etc., to J. D. Manahan, 921 Bergen Ave., Jersey City.

Fla., St. Augustine — Bd. Trustees Reclamation of Marsh or Submerged Lands, 10,000 ft. rein.-con. bulkhead, to P. T. Cox Contg. Co., 154 Nassau St., New York City, N. Y., $250,000. Noted Jan. 28.

Fla., Tampa — Council, dredging deep water channel, to R. A. Perry, Tampa, $799,930.

Ala., Mobile — Mobile Bay Bridge Co., Meaher Bldg., dredging, fills and riprap on Mobile-Baldwin Co. bridge, to J. Jacobson, Galveston, Tex., $403,500. Engrs. est. $410,000. Noted Jan. 21.

Streets and Roads

PROPOSED WORK

Conn., Hartford — Plans widening, etc., Windsor Ave., from Capen to Main Sts., $150,000; also improving 8 to 10 mi. New Britain Ave. from Connecticut Blvd., Elm, Holcomb, Hudson, State and Franklin Sts. $375,000. R. N. Clark, city engr.

New York — Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, plans extending Bronx River Parkway, from Kensico Dam through Valhalla to Mt. Kisco, and to Peeskill and Bear Mountain Bridge Route. $2,000,000. J. Downer, c/o owner, ch. engr.

See proposal advertisements on page 151, Advertising Section.

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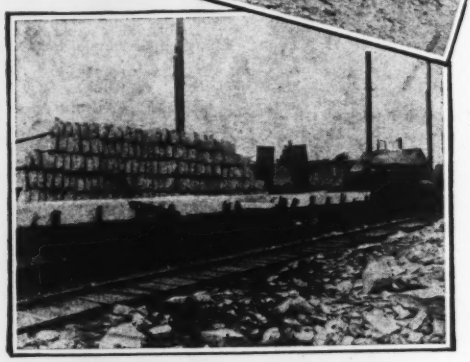
Wedges in place ready to split

The Split

For curbing— "granite lives forever"



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No curbing material is as strong and everlasting, unchangingly durable as massive, even-textured, natural *granite*. It is not expensive. Its widespread distribution makes it the lowest cost curbing material available. And it lasts for generations — its first cost is *final*. It is not chipped or broken. *It lives forever,* enhancing the appearance of both sidewalk and roadway. Write your nearest granite quarry—you will be promptly supplied with data on the various styles and qualities of granite for curbing, insuring the maximum of durability with the minimum outlay.

The Most Economical Curb

The most economical curb is one whose depth is three times its width.

Best modern practice demands that (1) the head of the curb be either pointed or peen-hammered, and that (2) the face and back of the curb be quarry-split.

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The Granite Paving Block Mfgrs. Assoc. of the U.S. Inc.
31 State Street, BOSTON, MASS.
Representing The World's Greatest Granite Quarries

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Streets and Roads (Continued)

New Jersey—State Hy. Dept., Trenton, plans concrete paving approximately 1 mi. Stuyvesant Ave. from Whittlesey Rd. to State Hospital, $70,000. W. G. Sloan, Trenton, highway engr.

N. J., Bradley Beach—Plans curbing, constructing bulkhead and graveling Bradley Blvd. from Main St. to Ocean Ave. $70,000. N. Rogers, Asbury Park, engr.

N. J., Bridgeton—Cumberand Co. plans concrete paving 6 mi. Bridgeton-Port Norris Rd. $265,000. W. M. Sharp, Bridgeton, engr.

N. J., Camden—State Hy. Comn., Trenton, plans constructing 4 mi. Crescent Route, approach to new river bridge, here, Camden Co. W. G. Sloan, Trenton, highway engr.

N. J., Red Bank—Monmouth Co. (Freeholder), plans paving 3½ mi. Red Bank-Homedell Rd., here. $150,000. G. K. Allen, 60 Broad St., Red Bank, engr.

Pa., Pittsburgh—Soon takes bids grading, curbing and paving Hodgkiss St. between Stayton and Superior Aves., $39,000, and Bensonia Ave. between Shiras St. and Mackinaw Ave., 33 ft. $30,000. City Dept. of Pub. Wks., City County Bldg., engrs.

W. Va., Williamson—City and Mingo Co. soon take bids paving 1 mi. or more various streets. $40,000. P. M. Burton, Williamson, co. engr.

North Carolina—State Hy. Dept., Raleigh, plans clearing, grading and topsoiling 7.595 mi. Project 574, Moore Co., $38,000; grading and concrete or asphalt paving 2.86 mi. Project 9060, Buncombe Co. $86,000, 7.881 mi. Project 112, Camden Co. $236,000, and 6.041 mi. Project 6690 $180,000; clearing and grading 13.361 mi. Project 685, Stanly Co. $67,000, 11.11 mi. Project 591, Rockingham Co. $51,000, 11.509 mi. Project 480, Wake Co. $65,000, 10.505 mi. Project 398, Robeson Co. $65,000, 11.553 mi. Project 244, Jones Co. $80,000, and 8.34 mi. Project 135, Halifax Co. $45,000. C. M. Upham, Raleigh, engr.

North Carolina — State Hy. Dept., Raleigh, plans clearing, grubbing and grading 20 mi. Project 270 from Sampson Co. from Cumberland Co. line to Clinton. $140,000. C. M. Upham, Raleigh, engr.

North Carolina — State Hy. Dept., Raleigh, rejected bids Feb. 8, clearing, grading and topsoiling 12 mi. Project 303, Bladen Co. $75,000. C. M. Upham, Raleigh, engr. Noted Feb. 18.

Ga., Jasper—Pickens Co. voted $100,000 bonds, constructing roads.

Ga., Toccoa—Stephens Co. election soon $200,000 bonds constructing roads.

Ga., Wrightsville — Johnson Co. voted $200,000 bonds, constructing roads and bridges.

Miss., Biloxi—See "Unclassified."

Miss., Gulfport — Harrison Co. making preliminary plans Warrenite, etc., paving Beach Highway and Porter Ave. Election soon $175,000 bonds for same. W. S. Hawkins, co. engr.

Miss., Ripley — Tippah Co. voted $100,000 bonds, improving roads in Dist. 1; and $150,000 bonds, roads in Dist. 2. Noted Jan. 14.

Louisiana—State Hy. Dept., Baton Rouge, soon takes bids graveling 22 mi. highway from Lake Providence to Jackson Ferry Bridge across Bayou Macon, State Project 45, East Carroll Parish. W. B. Robert, Reymond Bldg., Baton Rouge, engr.

Tennessee—State Dept. Highways & Pub. Wks., Nashville, making surveys improving 15 mi. Ripley-Haywood Co. line Rd., Lauderdale Co., and 7 mi. Mosheim-Hawkins Co. line Rd., Greene Co. C. N. Bass, acting comr.

Tenn., Clarksville — Plans improving 2 mi. various streets. $25,000.

Tenn., Dyer — Plans probably concrete paving various streets. To exceed $25,000. L. E. Elkins, mayor.

Tenn., Madisonville — Monroe Co. plans improving 10 mi. Tellico Plains-Coker Creek Rd. $25,000.

Tenn., Ripley—Plans probably concrete paving various streets. To exceed $25,000.

Ky., Paducah—McCracken Co. election Apr. 17, $500,000 bonds, improving various roads. H. L. Meyers, genl. chn.

O., Akron—W. F. Peters, dir. Pub. Serv., soon takes bids grading, cindering and walks, etc. on 55,000 sq.ft. Stanton Ave. et al., $23,500; also 8,000 sq.ft. Sheck St., $6,600. E. A. Kemmler, Municipal Bldg., engr.

O., Canton—Stark Co. plans grading and gravel widening Brester-Canal Fulton Rd. $52,000. A. M. Wise, Canton, engr.

O., Chesepeake—City Council soon takes bids widening and paving 3rd Ave. $47,000. J. J. Paull, mayor.

O., Cleveland—Plans grading and paving with (a) brick (b) asphalt (c) concrete, etc., 514 ft. Spring St. from Grant Ave. to Cleveland Ave., 46 ft., (a) $6,243 (b) $5,585; 612 ft. Olive St. from Westmoor Ave. to Brinker Ave., 24 ft., (a) $10,518 (b) $7,874; 20,079 ft. Columbian Ave. from Sullivant Ave. to Mound St., 26 ft., (a) $48,930 (b) $38,932; 638 ft. Palmetto Ave. from Westmoor to Brinker Aves., 24 ft., (a) $15,089 (b) $11,870; 322 ft. alley west Hawkes Ave. from State St. to alley north Town St., 16 ft., (a) $2,679 (c) $2,433; 740 ft. alley west Belvidere Ave. from 4th alley north Sullivant Ave. to 3rd alley north Sullivant Ave., 20 ft., (a) $6,824 (c) $6,100; 515 ft. alley west Avondale Ave. from State to Town Sts., 16 ft., (a) $3,628 (c) $3,240; 346 ft. alley north Bellows Ave. from Davis to Souder Aves., 16 ft., (a) $2,662 (c) $2,408; 1,131 ft. alley west 22nd St. from 1st alley north Long St. to 4th alley north Long St., 15 and 20 ft., (a) $7,939 (c) $6,991. R. H. Simpson, city engr.

O., Cincinnati — Plans grading, curbing, guttering and sheet asphalt paving 31,500 sq.yd. Central Parkway from Bway. to 12th St. (Sect. 1), $543,481; 36,000 sq.yd. Central Parkway from 12th St. to Mohawk (Sect. 2), $504,940; 12,500 sq.yd. Central Parkway from Brighton to Mohawk (Sect. 3), $200,976; and 60,000 sq.yd. Central Parkway from Brighton to Ludlow Ave. (Sect. 4), $1,714,643. F. Raschig, City Hall, engr.

O., Cincinnati—Hamilton Co. plans tar bound macadam paving 105,400 sq.yd. Section Rd. from Cincinnati-Dayton Rd. to Cincinnati-Zanesville Rd. $70,230. E. A. Gast, Court House, engr.

O., Dayton — Plans stone curbing, and brick on concrete paving 2,700 ft. Findlay St. from 3rd to Canal Sts., $50,000; also brick on present concrete repaving 2,000 ft. Forest St. from River Neal Sts., $20,000. J. F. Hale, city engr.

O., Marietta—Soon takes bids brick on 7 in. rein.-con., asphalt filter paving Putnam St. $91,015. F. H. Mautz, Marietta, engr. Noted Dec. 3.

Mich., Flint — Plans paving 28 streets, $349,920; and sidewalks on various streets, $50,000. H. C. McClure, city engr.

Mich., Holland—Plans paving 2 mi. various streets. $217,889. J. Zuidema, city engr.

Ill., East St. Louis — Soon takes bids grading, curbing and 8 in. concrete paving, etc., 6 blocks North 3rd, Illinois and St. Louis Aves. $69,400. W. McK. Brown, City Hall, engr.

Ill., Farmington—City and Farmington Twp. take bids in March, 18 car loads road oil on various streets and roads. F. Sutton, highway comr.

Ill., Geneseo — Takes bids in spring or early summer grading and rein.-con. paving 21,000 sq.yd. Main and Oakwood Sts. J. A. Bryan, City Hall, engr. Noted Dec. 10.

Ill., Knoxville — C. Wymon, highway comr., takes bids in May 4 or 5 car loads road oil on various streets in Knox Twp.

Ill., Mount Carmel—Making preliminary plans improving 38 mi. various roads, 38,000 cu.yd. gravel, etc. $107,000. D. A. McClung, supt. County Highway Dept.

Ill., Rockford — Plans grading, curbing and concrete paving 10 blocks West St., 30 ft. $57,880. B. C. Harvey, City Hall, engr.

Wis., Beaver Dam—W. A. Gergen, city clk., making preliminary plans concrete and various types paving approximately 10,000 sq.yd. York, East 3rd and Haskell Sts. To exceed $25,000. E. B. Parsons, 419 North Washington St., Watertown, engr.

Wis., Madison—W. R. Winckler, city clk., plans rein.-con. or asphalt paving Curtiss Pl., Washington, Thornton and Sherman Aves., Wirth, Delphion, Givinnett and Haven Courts, Regent, Knickerbocker, Bryon, Bashford, Oak, Garrison, Marquette, Union, Broom, Superior, Langdon, Lake, Doty, Garfield and Pond Sts. $394,000. Engineer not selected.

Wis., Tomahawk—H. G. Bell, city clk., plans rein.-con. paving, etc. 38,000 sq.yd. 4th St., Wisconsin and Tomahawk Aves. E. B. Parsons, 419 North Washington St., Watertown, engr.

Ia., Cedar Rapids—L. J. Storey, city clk., takes bids about Mar. 25, grading, curbing, guttering and concrete paving 6,472 cu.yd. Bowling St. Noted Dec. 3.

Ia., Clinton—Clinton Co. plans grading, bridging and concrete paving 33 mi. various roads, 18 ft., for period of 3 years. $1,500,000. E. Lorenzen, Clinton, co. engr.

Ia., Ottumwa—Wapello Co. election Mar. 16, $1,000,000 bonds, improving various sections Roads 8, 13 and 98. H. E. Hansell, Court House, engr.

Ia., Toledo — Tama Co. plans grading, bridging and gravel surfacing 150 mi. various roads, and paving 25 mi. primary system. $900,000. L. W. Croft, Toledo, co. engr.

Kan., Independence — Montgomery Co. making plans bituminous macadam surfacing 1.191 mi. Havana-Niotaze Rd., 18 ft. To exceed $25,000. H. K. Hibbard, Independence, engr.

Kan., Iola—Allen Co. plans grading and concrete surfacing, etc., 4.036 mi. Federal Aid Project 328-A, 18 ft. A. R. Stroup, Iola, co. engr.

Mo., Kansas City—Making plans 5,170 ft. concrete curbing, 1,250 sq.yd. bituminous macadam and 8,200 sq.yd. 7 in. concrete paving in front of Memorial Park. $32,000. P. McGeeharn, city engr.

Kan., Newton—Harvey Co. plans grading and concrete surfacing, etc., 4.053 mi. Federal Aid Project 329-A, 18 ft. A. Hay, Newton, co. engr.

Kan., Olathe—Johnson Co. making preliminary plans brick or concrete paving 5.157 mi. Midland Trail, 18 ft., Federal Aid Project 315-B. E. J. Terrill, Olathe, engr.

Neb., Holdrege — Making plans curbing and paving, etc. 7,400 yd. various streets. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., Kansas City, Mo., engrs.

Neb., Omaha—Plans widening, grading, curbing, paving, etc. 20th St. between Howard and Farnam Sts. $200,000. J. Koutsky, city comn.

Mo., Platte City—Election Mar. 16, $26,000 bonds, asphalt on concrete paving approximately 23,000 sq.yd. various streets. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs.

Mo., Webb City—Election Apr. 6, $40,000 bonds, amiesite paving various streets.

Tex., Abilene—Taylor Co. making plans grading, bridging and paving 32.71 mi. State Highway 30, through Taylor Co., 18 ft. $453,400. L. C. McCanlies, Abilene, engr.

Tex., Anderson — Grimes Co. making plans grading and bridging 10 mi. Navasota-Conroe Highway. $30,000. O. A. Seward, Jr., Navasota, engr.

Tex., Anson — Jones Co. making plans gravel surfacing 15.39 mi. Highway 18, $52,000; also 9.68 mi. Highway 30, $26,000. J. W. Puckett, Stamford, engr.

Tex., Beaumont—Jefferson Co. election soon $2,500,000 bonds, hard paving 90 mi. roads not improved. B. F. Shipley, Beaumont, engr.

Tex., Beeville—Making preliminary plans asphaltic paving 21 blocks St. Marys St. from Southern Pacific R.R. tracks to Courthouse and intersecting streets off Washington St. $35,000. Address Mayor.

Tex., Coleman — Coleman Co. making plans bituminous surfacing 61 mi. highways through county, 18 ft. $250,000. G. E. Franklin, Eastland, div. engr.

Tex., Denison—Election Apr. 6, $50,000 bonds paving various streets. C. E. Haydon, Denison, engr.

Tex., Dickens—Dickens Co. making plans grading, bridging and gravel surfacing 3.4 mi. Highway 18. $25,000. J. W. Alger, Dickens, engr.

Tex., Franklin—Robertson Co. making plans hardsurfacing 9 mi. Highway 6 between Calvert and Hearne. $200,000. L. A. Peterman, Hearne, engr.

Tex., Galveston — Galveston Co. plans rein.-con. paving 21 mi. Highway 6 between La Marque Crossing and League City, 18 ft. $400,000. C. C. Washington, Galveston, engr.

Tex., Groesbeck — Limestone Co. making plans grading, bridging and 9 in. waterbound macadam with 2½ in. block base and 1 in. asphalt topping 3½ mi. Highway 7, Mexia-Teague Rd., $146,000; 4.92 mi. Highway 14, west from Mexia toward Wortham, $226,800; 2½ mi. Highway 14 between Mexia and Groesbeck, $117,500, all 18 ft. H. Boyette, Mexia, engr.

Tex., Groesbeck—Limestone Co. making plans grading, bridging and 9 in. waterbound macadam, 2½ in. block base and 1 in. asphalt topping 8.8 mi. Mexia-Waco Rd., Highway 7. $385,000. H. Boyette, Mexia, engr.

Tex., Kaufman—Kaufman Co. made plans rein.-con. paving 10.74 mi. Highway 40 between Brushy Creek and Dallas Co. line, 9 ft. $154,600. S. J. Treadway, Terrell, engr.

Tex., Palestine — Anderson Co. making plans gravel surfacing 10.75 mi. Highway 43, 18 ft. $29,700. E. W. Davis, Palestine, co. engr.

Tex., Quanah—Hardeman Co. making plans grading, bridging and concrete paving 7.56 mi. Highway 5 extending east from Quanah city limits, 18 ft. $284,500. J. B. Nabors, Quanah, engr.

Okla., Fairview—Plans grading and concrete paving 26,600 sq.yd. Central, Bway., F and East Railroad Sts., Dist. 3. $76,000. H. G. Olmstead, 2230 West 18th St., Oklahoma City, engr.

Okla., Morrison — Making preliminary plans concrete paving 9,600 sq.yd. Main St.

See proposal advertisements on page 151, Advertising Section.

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Streets and Roads (Continued)

$30,000. T. D. Noonan, mayor. Engineer not announced.

Okla., Red Oak — Making preliminary plans grading and concrete paving 8,870 sq. yd. Main St. $28,000. J. G. Hanell, mayor. Engineer not announced.

Wash., Hoquiam—Election soon $96,000 bonds, paving Emerson Ave.

Calif., Coronado—Made plans curbing and 4 in. bituminous macadam paving Pomona and Miguel Aves., etc. To exceed $25,000. W. T. Clark, city clk.

Calif., Glendale—City Trustees soon take bids improving Canyon Dr., etc., 162,109 sq.ft. concrete paving, 176,415 sq.ft. grading, etc. J. F. Johannsen, city engr.

Calif., Lodi—Making plans paving, etc. portions of Lockeford, Stockton Sts., etc. $35,000. L. F. Barzellotti, city engr.

Calif., Los Angeles — Los Angeles Co. plans improving 114th St. between Hawthorne Blvd. and Western Ave., 17,399 cu.yd. excav., 290,467 sq.ft. Willite paving, 306,775 sq.ft. disintegrated granite sub-base, etc., to exceed $95,000.

Calif., Pomona—Making plans improving Hamilton Blvd., etc., 268,000 sq.ft. 5 in. oil macadam paving, 14,000 sq.ft. guttering, 7,400 ft. curbing, etc. F. C. Froedhe, city engr.

Calif., San Diego—San Diego Co. plans improving Ramona-Julian Highway, 68,053 sq.yd. 5 in. concrete paving, etc., approximately $300,000; streets in Talmadge Park 1, 22,936 sq.yd. 1½ in. on 2½ in. asphaltic concrete paving; Talmadge Park 2, 16,665 sq.yd. 4 in. concrete paving, etc. E. R. Childs, Court House, engr.

Calif., San Diego—San Diego Co. made plans improving University Ave. and Chollas Rd., 16,181 lin.ft. cement curbing, 77,924 cu.yd. excav., 40,109 sq.yd. 1½ in. asphaltic concrete on 5 in. concrete paving, etc.; also Arizona, Collier, Hamilton, Oregon and Idaho Sts., 25,263 sq.yd. 1½ in. asphaltic concrete on 4 in. concrete paving, etc. F. A. Rhodes, City Hall, engr.

Calif., Salinas—Making plans 5 in. concrete paving portions of Lake and Sausal Sts. $25,000. H. Cozzens, city engr.

Calif., Stockton—San Joaquin Co. made plans improving Jacobs Rd. 338, 1,400 tons 2½ in. course gravel, 1,050 tons top course, 1½ in. gravel. F. E. Quall, Stockton, co. surv.

Calif., Whittier — Made plans improving Philadelphia St. between Tract 7381 and Worsham Dr., 189,200 sq.ft. grading, 78,764 sq.ft. 6 in. and 110,435 sq.ft. 5 in. concrete paving, 13,854 lin.ft. concrete curbing, 39,911 sq.ft. concrete walks, 6,800 lin.ft. 6 in. and 1,351 lin.ft. 4 in. sewers, 13,000 cu.yd. excav., 3,000 cu.yd. fill, etc. To exceed $70,000. M. R. Bowen, city engr.

Ontario—Dept. Pub. Highways, Parliament Bldgs., Toronto, plans improving provincial highways in Kent Co. $60,000. R. M. Smith, 110 University Ave.; Toronto, engr.

Ontario—Dept. Pub. Highways, Parliament Bldgs., Toronto, plans macadam or concrete paving 8.95 mi. Longwoods Rd., $268,000; and surface treating 9.4 mi. Longwoods Rd., $8,460, in Kent Co. R. M. Smith, 110 University Ave., Toronto, ch. engr.

Ont., Chatham—Kent Co. plans grading, graveling, concrete and macadam paving various roads. $220,500. W. D. Colby, Harrison Hall, engr.

Ont., Cobourg — Northumberland and Durham Counties, plan macadam, concrete and gravel surfacing various roads. $90,000. G. Greer, County Bldg., engr.

Ont., Hamilton — Making plans curbing, guttering and asphalt on concrete paving 6,500 sq.yd. Cameron Ave. $27,540. W. L. McFaul, City Hall, engr.

Ont., Oshawa — Ontario Co. plans concrete paving approximately 1 mi. Simcoe St. from city limits northward to intersection of Five Points Rd. $25,000-$30,000. D. J. Kean, County Bldg., Whitby, Ont.

Ont., Ottawa — Ottawa Suburban Road Comn., 279 Carling Ave., Ottawa, soon takes bids paving 9 mi. March Road, about 12 mi. west of here. $35,000. A. K. Hay, 279 Carling Ave., engr.

Ont., Ottawa — Bd. Control soon takes bids asphalt on concrete paving O'Connor St. $34,000; and Canal Sts. $25,000. A. J. Macallum, City Hall, engr. Noted Feb. 18.

Ont., Perth — Making plans concrete, asphalt or macadam paving main streets. $50,000. Wynne-Roberts, Son & McLean, 88 Church St., Toronto, engrs.

Ont., St. Thomas—Elgin Co. plans grading, graveling, macadam and concrete paving various roads. $75,000. F. Pineo, County Bldg., engr.

Ont., Toronto—Plans asphalt on concrete paving Poplar Plains Rd., $10,132; concrete sidewalks on Jane St. $12,399, and Armadale Ave. $345; extending Weston Rd., $1,936; opening lane between Erskine and Keewatin Aves., $3,200; widening Rowntree Ave., $9,712; also grading, curbing, guttering, concrete sidewalks and probably asphalt on concrete paving Shuter St. from Sherbourne to Seaton Sts. and Sydenham St. from Ontario to Seaton Sts., $120,000. R. C. Harris, city engr.

Ont., Toronto—York Twp. plans bituminous on concrete paving 4,150 ft. Oakwood Ave. from Earlsdale Ave. to Vaughan Rd., and from Eglington Ave. to Vaughan Rd., 24 ft. $65,000. F. G. Goedike, 40 Jarvis St., engr.

Ont., Toronto — East York Twp. soon takes bids grading, etc., Don Valley Dr. and Hillside Crescent. $26,000. G. R. Jack, 443 Sammon Ave., Toronto, engr.

Que., Quebec—Plans paving streets in various wards. $150,000. W. D. Baillarge, City Hall, engr.

Que., Quebec — Voted $125,000 bonds, widening Cote d'Abraham. W. D. Baillargeon, City Hall, engr. Noted Feb. 4.

British Columbia—Municipality of Burnaby and Provincial Government, Victoria, making plans constructing 8½ mi. road from Hastings to Barnet, in Burnaby, 18 and 40 ft. $256,450. A. K. McLean, Burnaby, recvr.

B. C., Vancouver — City, W. McQueen, clk., making plans paving and sidewalks on various streets. $200,000. C. Brakenridge, city engr. Noted Nov. 12.

Mexico and Texas—Governor Gil of State of Tamaulipas, Mexico, and committees from Matamoras, Mexico and Brownsville, Tex., Chamber of Commerce, making preliminary plans hardsurfacing 200 mi. highway from Matamoras, Mexico, to Laredo, Tex., via Victoria. $8,000,000.

BIDS DESIRED

Rhode Island—Mar. 17, by State Bd. Pub. Rds., State House, Providence, concrete paving 2.3 mi. Contr. 2602, Warwick; bituminous macadam paving 2.2 mi. Contr. 2603, North Smithfield; graveling 2 mi. Contr. 2504, Foster; and sheet asphalt paving 0.87 mi. Contr. 2601, North Providence; adv. E. N.-R. Mar. 4.

New Jersey — Mar. 22, by State Hy. Comn., Trenton, grading and rein.-con. paving 24,951 sq.yd. Route 18 (North) Sect. 2, Alpine to New York State Line, Bergen Co. A. L. Grover, secy.; adv. E. N.-R. Mar. 4.

Pa., Altoona—Mar. 10, by City Council, W. J. Hamer, clk., 28,652 sq.yd. rein.-con., 5,663 sq.yd. vibrolithic, 4,448 sq.yd. Warrenite bitulithic, and 1,565 sq.yd. concrete carolite paving various streets. H. J. Baum, City Hall, engr.

Pa., Ebensburg — Mar. 12, by I. J. McKendrick, Ebensburg, solicitor Cambria Co., grading and one course concrete paving 1 mi. Blandburg Rd., 16 ft., Reade Twp., $50,000.

Pa., Phila.—Mar. 9, by Dept. Pub. Wks., Bureau of Highways, Schedule A, grading 380,102 cu.yd. Afton, Faunce, Loney, Aldine, Bleigh, Cottage, Erdrick, Jackson, Loring, Marple, Napfle, Oakmont, Shelmire, Teesdale, Tudor, Vista, Walker, Andrews, Georgian, 19th, 20th, Aurania, Bean, Evergreen, Lare, Parker, Summit, Bellfield, Cliveden, Cemetery, Chelwynde, Este, Guyer, Island, Sylmar, 57th, 58th, 65th, 68th, 69th, 74th, Colonial, Smedley, 16th, Gates, Glen Echo, Kingsley, Large, Longshore, Manatawna, Penn, Tilden, Vaux, Philmont, Ritner, 12th, Spangler, Westmoreland, 31st, 34th, Wadsworth and 68th Sts.; Schedule B, asphalt paving (assessment work), 18,421 sq.yd. Bowman, Vaux, Sherwood, 69th, 20th and 21st Sts.; Schedule C, surfacing 34,065 sq.yd. Terminal and 11th Sts.; Schedule D, asphalt repaving 13,690 sq.yd. Clarion, Page, Dudley, Hoffman, Wilder and Susquehanna Sts.; Schedule E, redressed granite block repaving 26,759 sq.yd. Carlton, Leland, Master, Olive, 11th and 16th (track area) Sts.; Schedule F, demolition and removal of Rhawn St. Bridge over Pennypack Creek; Schedule G, repairs to Lutz asphalt heaters; and Schedule I, furnishing ready mixed concrete and asphalt paving mixtures. G. H. Biles, dir.

Md., Baltimore—Mar. 10, by Bd. Awards, sheet asphalt paving 12,200 sq.yd. streets listed in Contr. 310; 6,950 sq.yd. in Contr. 311; 6,300 sq.yd. in Contr. 312; and 4,160 sq.yd. in Contr. 313. S. Purcell, City Hall, highways engr.

Md., Towson—Mar. 9, by Baltimore Co., Courthouse, concrete paving 1.17 mi. Worthington Ave. from end of concrete to Tufton Ave.; and 0.2 mi. Tufton Ave. from Worthington Ave. to end of concrete. S. A. Green, Courthouse, road engr.

Fla., Tampa — Mar. 9, by City Comrs., City Hall, 4 in. granite curbing, 2½ in. asphalt on 6 in. rock or shell paving Impvts. 180-188-192, $34,000; Impvts. 132-146-147-148-149-177-218, $30,000; and Impvts. 217 and 259, $29,000. R. D. Martin, city engr.

Fla., Tampa — Mar. 12, by Bd. Comrs. Hillsborough Co., Courthouse, grading, curbing and 2 in. amiesite on 6 in. lime rock paving various streets. W. T. Williams, chn.; adv. E. N.-R. Mar. 4.

Alabama—Mar. 10, by State Hy. Dept., Montgomery, improving 6.75 mi. Montgomery-Wetumpka Rd., Federal Aid Project 153, Montgomery Co., 5.808 acres clearing and grubbing, 85,012 cu.yd. excav., 15,539 yd. overhaul, 35,000 lb. reinforcing, 20,000 sq.yd. Bermuda sod, 72,500 sq.yd. concrete, macadam, sheet asphalt, or asphaltic concrete, paving, etc. W. A. McCalla, highway engr.

Tenn., Nashville — See "Contracts Awarded."

Tenn., Johnson City—Mar. 11, by Bd. City Comrs., Municipal Bldg., grading, curbing, guttering 14,500 ft. 6- to 18-in. sewers, and paving 57,000 sq.yd. various streets. W. I. Hart, comr.

O., Dayton—Mar. 8, by Comrs. Montgomery Co., rein.-con. or asphalt on concrete paving 70,000 sq.yd. Windsor, Princeton, Kensington, Everett, Emerson, Mumma, Hoover, Fairview, Rosemont and other streets. $200,000. W. O. Pease, Dayton, co. surv.

Ind., Anderson—Mar. 15, by Comrs. Madison Co., Court House, grading, curbing and concrete paving ¾ mi. West 9th St. from Madison to Raible Aves., 30 ft. $50,000. M. A. Steele, Court House, co. surv.

Ind., Anderson—Madison Co. taking bids concrete paving 1½ mi. road, 18 ft., in Jackson Twp. $29,000. M. A. Steele, Anderson, engr.

Michigan—Mar. 16, at office Comrs. Kent Co., Grand Rapids, two 75 ft. span State Reward Bridge, File 410,803, Contr. 1. G. C. Dillman, Lansing, engr.

Mich., Grand Rapids—Mar. 9, by Kent Co., graveling 61,001 sq.yd. Kent Co. Road Project, incl. 24 ft. T beam bridge.

Mich., Kalamazoo — Mar. 8, by Kalamazoo Co., 16 ft. graveling 2.5 mi. Climax Twp. Rd. and 2.25 mi. Oshtenco Twp. Rd.

Ill., Chicago—Mar. 10, by City, City Hall, road binder on various streets. A. A. Sprague, comr.

Ill., Joliet—Mar. 19, by Clerk Will Co., grading, curbing and concrete or macadam paving 3.19 mi. Sect. Y-15-D, near Symerton. $40,000-$44,000. W. H. Smith, co. supt.

Wisconsin—Mar. 9, by State Hy. Dept. at Division Office 5, Court House, La Crosse, improving 6.21 mi. Hustler-Sparta Rd., Monroe Co., Div. Job 5692, 42,650 cu. yd. earth, 1,335 cu.yd. channel change, 780 cu.yd. loose and 2,084 cu.yd. solid rock excav., 8,673 cu.yd. borrow, 3,690 cu.yd. pea gravel surfacing, 14,707 cu.yd. 18 ft. shale surfacing, etc.; 4.48 mi. New Lisbon-Sparta Rd., Federal Aid Project 325-A, Monroe Co., 20 acre clearing, 15.6 acre grubbing, 52,231 cu.yd. excav., 110 cu.yd. borrow, 5,389 cu.yd. pea gravel and 10,447 cu.yd. 18 ft. shale surfacing, etc.; 1.35 mi. Winona-Marshland Highway, Federal Aid Project 340-B, Buffalo and Trempealeau Counties, 22,416 cu.yd. earth, 50 cu.yd. loose and 1,600 cu.yd. solid rock excav., 4,739 cu.yd. borrow, 5,406 sq.yd. concrete paving, one 120 ft. steel truss span bridge over Whiskey Creek and one 100 ft. steel truss span bridge over county line, etc. Alternate bids on (1) grading, surfacing, etc., and bridges; (2) bridges (3) grading and surfacing, etc. J. T. Donaghey, highway engr.

Wis., Sheboygan Falls—Mar. 16, by L. Kalk, city clk., improving various streets, 24,050 ft. concrete curbing and guttering, 14,455 cu.yd. excav., 40,000 sq.yd. two course concrete, vibrolithic concrete and one course concrete paving, etc. J. Donohue Eng. Co., 608 North 8th St., Sheboygan, engrs.

Kan., Erie — Mar. 31, by Clerk Neosho Co., grading, and concrete surfacing, etc. 24,756 sq.yd. Federal Aid Project 334-A. C. P. Donald, Erie, co. engr. Noted Jan. 14.

Kan., Erie — Mar. 31, by Clerk Neosho Co., grading, etc. 9.06 mi. Federal Aid Project 308-A, 36,769 cu.yd. excav., etc.; and 7.67 mi. same road Sect. B, 48,563 cu.yd. earth and 2,109 cu.yd. rock excav., etc. C. P. Donald, Erie, co. engr. Noted Dec. 24 and Feb. 25.

Kan., Hays—Mar. 26, by Clerk Ellis Co., grading, etc., 10.02 mi. Federal Aid Project

See proposal advertisements on page 151, Advertising Section.

Streets and Roads (Continued)

286-A and B, 28 ft. L. J. Loreditsch, Hays engr. Noted Mar. 13.

Kan., Holton—Mar. 24, by Clerk Jackson Co., grading, etc. 11.855 mi. Federal Aid Project 291-A, B and C, 28 ft. P. W. Wright, Holton, co. engr. Noted Jan. 7.

Kan., Larned—Mar. 23, by Clerk Pawnee Co., grading and sand clay surfacing, etc. 7.918 mi. Federal Aid Project 295-A, 18 ft. Le Roy Harris, Larned, co. engr.

Kan., Oskaloosa—Mar. 29, by Clerk Jefferson Co., vitr. brick, concrete or bituminous macadam paving 74,693 sq.yd. Federal Aid Project 227-A. R. C. Ham, Oskaloosa, co. engr.

Kan., Ottawa—Mar. 30, by Clerk Franklin Co., grading, etc. 5.057 mi. Federal Aid Project 280-C, 48,586 cu.yd. excav., etc.; 4.914 mi. same road, Sect. D, 41,433 cu.yd. excav., etc.; and 4.402 mi. same road Sect. E, 36,436 cu.yd. excav., etc. E. F. Loveless, Ottawa, co. engr.

Neb., Hastings—Mar. 8, by B. T. Naylor, Hastings, engr., curbing, guttering and paving, etc., approximately 13,000 yd. various streets in Dist. 125, for City. $25,000.

Montana—Mar. 16, by State Hy. Dept., Helena, grading, gravel surfacing, etc., 7.5 mi. Ravalli-Dixon Rd., Federal Aid Project 197, Sanders Co., $58,000, and 15.5 mi. Billings-Hardin Rd., Federal Aid Project 187, $125,000, also crushed gravel resurfacing 11 mi. Yellowstone Trail, Federal Aid Project 53-B, $22,500, both in Yellowstone Co.

Mo., Maryville—Mar. 10, by M. C. Smith, city clk., improving 4,347 ft. Walnut and 5th Sts., 3,062 cu.yd. excav., 10,125 sq.yd. 7 in. rein.-con. paving with 5 in. integral curb, 853 ft. 30 in. curbing and guttering, 230 ft. 4 in. concrete sidewalks, and 3,500 ft. 10 and 12 in. c.i. mains, etc.

Mo., St. Louis—Fairview Investment Co., 110 North 8th St., taking bids 8 in. concrete paving 23,000 sq.yd. streets, etc., in Russell Park Subdivision. $25,000-$30,000.

Tex., Cleburne — Mar. 19, by Mayor, permanent paving 40,000 sq.yd. Brazos Ave., North Robinson and East Wilson Sts., etc. $90,000. C. H. Tiesdale, Box 121, Cleburne, engr.

Tex., Medina — Medina Co. taking bids surfacing 10.47 mi. Highway 3, Federal Aid Project 270, Sect. C., $64,400; also 7.85 mi. Highway 3, Sect. D, $48,500, both 17 ft. Terrell Bartlett Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Uvalde—Uvalde Co. taking bids asphalt surfacing 5.88 mi. Sect. A Highway 3, Federal Aid Project 289, Unit 2. $32,900. M. B. Hodges, Uvalde, engr.

Tex., Uvalde — Uvalde Co. taking bids rock asphalt surfacing 14.11 mi. Highway 3, Federal Aid Project 289, Unit 2, $82,300; also 5.36 mi. same road, Sect. B, 18 ft., $29,300. M. B. Hodges, Uvalde, engr.

Okla., Okemah—Mar. 15, by J. S. Price, town clk., grading, curbing and concrete paving 11,650 sq.yd. South 3rd St. $32,600. J. M. Richards, Okemah, engr.

Nev., Reno—Mar. 15, by J. B. Reese, city clk., 660,000 sq.ft. 1.5 in. on 3.5 in. asphaltic concrete paving and 60,000 sq.ft. repairing various streets. H. Chism, city engr.

Washington—Mar. 16, by State Hy. Dept., Olympia, concrete paving approximately 2 mi. State Rd. 2, Lincoln Co 1.7 mi. road from Spokane west, Spokane Co., and 0.3 mi. State Rd. 12, Lewis Co.; crushed gravel surfacing approximately 8,000 cu.yd. State Rd. 11, Adams Co., and 5,000 cu.yd. State Rd. No. 3, Benton Co.; clearing, grading and crushed gravel surfacing 8,440 cu.yd. 5.3 mi. State Rd. 4, Okanogan Co.; also grading, etc. 77,000 cu.yd. State Rd. 8, Clarke Co., J. W. Hoover, Olympia, ch. engr.

Wash., Walla Walla — See "Contracts Awarded."

Calif., Santa Cruz—S. A. Evans, city clk., taking bids improving Mission St., etc., 43,365 sq.ft. grading for concrete paving, 27,418 sq.ft. grading for concrete guttering, 197,461 sq.ft. grading for macadam surfacing, 5,261 sq.ft. 4 in. concrete sidewalks, 3,680 lin.ft. concrete curbing, 27,418 sq.ft. concrete guttering, 197,461 sq.ft. 2½ asphaltic macadam surfacing, etc. J. K. James, city engr.

Ont., Toronto—See "Contracts Awarded."

BIDS RECEIVED

N. Y., Hamburg—Village, Feb. 23, concrete paving Buffalo St., from Holmes & Murphy, Buffalo St., Orchard Park, $43,200. Noted Feb. 11.

New Jersey—State Hy. Comn., Trenton, Mar. 1, grading, asphalt and concrete paving 30,828 sq.yd. Route 3, Sect. 14, in Absecon, Atlantic Co., from Interstate Eng. & Constr. Co., 918 Catherine St., Phila., Pa., $159,303. Noted Feb. 18.

Pennsylvania—State Hy. Dept., Harrisburg, Feb. 19 and Feb. 20, (**R. means Route and A. means Application**), one course rein.-con. paving 15,597 ft. Newberry Twp.-Goldsboro Rd., R. 449, A. 3547, York Co., from Continental Contg. Co., Knickerbocker Bldg., Baltimore, Md. $107,721, 22,670 ft. Upper Darby-Springfield-Nether Providence Twp. Rd., R. 130, Delaware Co., from W. Eisenberg, 5th and Market Sts., Camden, N. J. $174,890, 1,829 ft. East Pike Run Twp. Rd., R. 268, Sect. 9, A. 3919, Washington Co., from T. W. Munro & Co., Du Bois $28,538, 10,102 ft. Unity Twp. Rd., A. 3592-3633, Westmoreland Co., from Gray Bros., 817 Salt Spring St., Youngstown, O. $70,380, 7,446 ft. Jackson Twp. Rd., R. 111, A. 1451-3117, Greene Co., from Mosteller & Virgin, 315 Franklin Ave., Wilkinsburg $99,402, 8,907 ft. Hampton Twp. Rd., A. 3578, Allegheny Co., from T. Cronin Co., South 18th and Fox Sts., Pittsburgh $84,556, 7,343 ft. Hopwell Twp. Rd., A. 3325, Beaver Co., from Jones Constr. Co., Salem, O. $78,972, 1,978 ft. Mars Borough Rd., R. 309, A. 3702, Butler Co., from J. J. Meneice Sons Co., Ellwood City $25,454, 46,788 ft. Columbia, Springfield-South Creek Twp. Rd., R. 20, Sect. 10, Bradford Co., from Colonial Constr. Co., 901 Arrott Bldg., Pittsburgh $413,159, 23,693 ft. Arnagh Twp. Rd., R. 29, Mifflin Co., from Lord Constr. Co., Hastings $230,773, 37,987 ft. Reilly, Norwegian-Branch Twp. Rd., R. 199, Sect. 3, Schuylkill Co., from D. Schoentag, Inc., Saugerties, N. Y. $464,211, 25,095 ft. Oley, Upper Alsace, Exeter-Lower Alsace Twp. Rd., R. 197, Sect. 2, A. 3372, Berks Co., from Rudolph & Delano, 302 Peoples Trust Bldg., Tamaqua $215,995, and 27,856 ft. Greenwich-Albany Twp. Rd., Sect. 2, A. 3222, Berks Co., from Jar Constr. Co., Inc., 2261 Millburn Ave., Maplewood, N. J. $207,079; rein.-con. paving, etc. Shippen Co. Rd., R. 102, Tioga Co., from J. A. Crawford, Blossburg, $98,188; grading, etc. 46,982 ft. Carroll Twp. Rd., R. 40, Perry Co., from Ancon Constr. Co., 100 Oakley Rd., Upper Darby, $131,920. Noted Jan. 15.

South Carolina—State Hy. Dept., Columbia, Feb. 16, improving 3.1 mi. State Route 12, State Project S-522-B, Aiken Co., from B. W. Richardson & Son, Sumter, $23,529; asphaltic concrete paving 0.677 mi. Route 10, Federal Aid Project 170, Laurens Co., from Slattery & Henry, Greenville, $23,820. Noted Feb. 4.

Louisiana — State Hy. Comn., Baton Rouge, Feb. 23, constructing 7.65 mi. Jonesboro-Monroe Highway, State Project 414 C, Jackson Parish, from L. M. Goldberg, Abbeville, $37,384. Noted Jan. 28.

Ohio—Dept. Highways & Pub. Wks., Columbus, Feb. 19, grading and paving with (a) concrete (b) asphaltic macadam (c) tar macadam (1) 3.144 mi. Sect. "B" Carrollton-New Philadelphia Rd., 18 ft., Carroll Co. (2) 1.922 mi. Sect. "B" National Rd., 20 ft., Clark Co. (3) 2.202 mi. Sect. "E" same road (4) 3.82 mi. Sects. "C-2" and "C-3" Findlay-Delphos Rd., 16 ft., Hancock Co. (5) 0.97 mi. Sect. "L-1" Mansfield-Millersburg Rd., 18 and 19 ft., Holmes Co. (6) 3.85 mi. Sects. "O," "P" and "Solon" Springfield-Washington C. H. Rd., 18 and 20 ft., Madison Co. (7) 3.93 mi. Sect. "A" East Akron-Massillon Rd., Summit Co. (8) 3.377 mi. Sect. "P" Chagrin Falls-Greenville Rd., 18 ft., Trumbull Co.; gravel surfacing (9) 2.95 mi. Sect. "E" Mt. Vernon-Coshocton Rd., 16 ft., Coshocton Co.; grading shoulders and widening, etc. (10) 2.467 mi. Sect. "G" Allensburg-Lynchborg Rd., 17 ft., Highland Co.; traffic bound limestone paving (11) 0.097 mi. Sect. "B-2" McArthur Logan Rd., 18 ft., Hocking Rd. (12) 6.693 mi. Sects. "8-3" and "B" same road, 17 ft.; grading, etc. (13) 2.229 mi. Sect. "G" Newark Coshocton Rd., Licking Co., from Urban Bros., Massillon, (a1) $139,824; from Dougherty & Leach, Steubenville, (b1) $144,000 (c1) $146,000; from Schmidt & Radebaugh, Columbus, (a2) $50,168; from Putnam Eng. Co., Toledo, (b2) $52,929 (c2) $53,258 (c3) $53,443; from Mannix Bros., Greenville, (a3) $53,696; from W. H. Ringwald, Chillicothe, (b3) $52,479 (a6) $101,947; from D. C. Imbold, McComb, (a4) $87,253 (c4) $80,856; from C. E. Edington, Findlay, (b4) $74,918; from Allen County Paving Co., Lima, (a5) $2,957; from N. B. Putnam, Columbus, (b6) $88,587; from Craig & Jordon, Blanchester, (c6) $92,902; from McCourt Constr. Co., Akron, (g7) $192,975; from G. S. Mellert, Medina, (a7) $135,293; from Laubis Stone Co., Kenton, (b8) $89,739 (c8) $92,608; from Brilhardt & Wright, Warsaw, (9) $39,858; from Losey Eng. Co., Kenton, (10) $13,136; from L. S. Gaty, 387 Linwood Ave., Columbus, (11) $7,927 (12) $83,522; from Edwards Constr. Co., Sunbury, (13) $21,334. Noted Feb. 11.

Illinois—Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, Feb. 19, from Amer. Paving Corp., 1325 Grace St., Omaha, Neb., 18 ft. concrete paving 1.96 mi. Route 30, Sect. 1, $20,038, and [illegible] mi. Route 30, Sect. 2, $82,490, both Peoria Co., from Globe Constr. Co., Evansville, Ind., 11.81 mi. Route 30, Sects. 7 and 8, [illegible] Co. $219,404, from Regenhardt Const. Co., Cape Girardeau, Mo., 4.81 mi. Route 36, Sect. 14, Pike Co. $75,236, 4.86 mi. Sect. 15 $75,544, 3.5 mi. Sect. 16 $65,6[illegible] and 4.86 mi. Sect. 17 $76,168, from F. Smith Co., Rensalaer, Ind., 6.04 mi. Route 11, Sect. 40, Madison and Bond Counties $128,313, from Edwardsville Constr. Co., Edwardsville, 1.65 mi. Route 4, Sect. D-1, Macoupin Co. $34,686, and from Powers-Thompson Constr. Co., Joliet, 0.27 mi. Route 22, Sect. 13-S, Will Co. $22,472; from W. D. Lonergan, Streator, grading and concrete paving 18.5 mi. Route 40, Sects. 5-A, 7 and 8, Carroll and Whiteside Co., and one 40 ft. and one 60 ft. span rein.-con. girder bridge on Route 40, Sect. 5-B, Carroll Co. $437,636. Noted Feb. 11.

Wis., La Crosse—W. J. Fries, city secy., paving various streets, from T. E. Wooley, 148 West Ave. S., rein.-con. $58,886; General Contg. Co., 1222 Plymouth Bldg., Minneapolis, Minn., bitulithic $70,913; and from O'Dea & Schafer, Madison, vibrolithic concrete $69,820. Engrs. est. $60,000. Noted Feb. 4.

Calif., Fullerton—City Trustees, Feb. 16, from Griffith Co., Ry. Bldg., Los Angeles, improving South Lawrence Ave., etc., 67,000 sq.ft. 5 in. asphaltic concrete paving $0.18 per sq.ft., 31,000 sq.ft. 6 in. concrete paving $0.18, etc., total $42,220.

Calif., Los Angeles—Bd. Pub. Wks., Feb. 8, from North Pacific Constr. Co., Detwiler Bldg., improving Pico Blvd. between Crenshaw and Exposition Blvds., grading $122,617, 2,318,431 sq.ft. 8 in. concrete paving $0.23 per sq.ft. 11,415 sq.ft. 6 in. concrete paving $0.185, 99,391 sq.ft. asphaltic concrete paving remodel $0.265, 51,019 sq.ft. asphaltic concrete paving (2 in. surfacing paint binder, 6 in. concrete base) $0.21, 28,192 sq.ft. remodel with rock and oil surfacing $0.13, etc., total approximately $1,034,885.

Calif., Los Angeles—From C. T. Salota, 4551 East 6th St., improving Cristobal St., 2,466 lin.ft. curbing $0.55 per lin.ft., 11,242 lin.ft. sidewalk $0.15, 5,437 sq.yd. 8 in. concrete base $0.24, 4,135 sq.ft. 2 in. remodel rock and oil $0.10, etc. total $22,891; from Goddard & Briggs, Los Angeles, improving LaLoma Rd., 1,631 lin.ft. curbing $0.45, 1,081 sq.ft. sidewalk $0.145, 1,793 sq.ft. remodel rock and oil paving $0.10, 35,070 sq.ft. 6 in. concrete base $0.22, etc., total $12,511; from G. H. Oswald, 366 East 58th St., improving 22nd St. and Lorena St. Impvt. Dist., 18,604 lin.ft. curbing $0.55, 1,737 sq.ft. 8 in. guttering $0.235, 1,899 sq.ft. 7½ in. guttering $0.22, 15,371 sq.ft. 6½ in. guttering $0.20, 92,919 sq.ft. sidewalk $0.13, 50,982 sq.ft. 2 in. sheet asphalt on 6 in. concrete paving $0.21, 36,451 sq.ft. cement on 6 in. concrete paving $0.19, 231,211 sq.ft. concrete 5 in. concrete paving $0.17, etc., total $114,554. Noted Feb. 18.

Calif., Los Angeles — Los Angeles Co., from B. R. Ford, 407 West 17th St., Santa Ana, improving Co. Impvt. 211, 23,454 cu.yd. excav. $0.43 per cu.yd., 11,533 ft. curbing $0.48, 56,730 sq. ft. walks $0.148, 43,452 sq.ft. guttering $0.19, 502,823 sq.ft. concrete paving $0.20, etc. total $165,446.

Calif., Los Angeles — Los Angeles Co., from L. J. Turner, 205 East 1st St., Long Beach, improving City Boundary Impvt. 20, 3,838 cu.yd. excav. $0.55 per cu.yd. 111,295 sq.ft. concrete paving $0.2085 per ft., total approximately $25,316.

Calif., Los Angeles—Supervs. Los Angeles Co., from B. R. Ford, 407 West 17th St., Santa Ana, improving Vermont Ave. between Los Angeles city limits and 120th Ave. (Co. Impvt. 211), 23,454 cu.yd. excav. $0.43 per cu.yd., 502,823 sq.ft. concrete paving $0.20, 56,730 sq.ft. sidewalk $0.148, etc. total $165,446, engrs. est. $188,563; from L. J. Turner, 205 East 1st St., Long Beach, improving Vermont and 182nd Sts., 3,838 cu.yd. excav. $0.55, 111,295 sq.ft. 9-7-9 in. concrete base, $0.2085, total $25,316, engrs. est. $27,517.

Calif., San Anselmo—From Valley Paving & Constr. Co., Visalia, improving Richmond Rd., Mariposa and Belle Aves., etc., 12,891 cu.yd. excav. $0.75 per cu.yd., 74,210 sq.ft. 5 in. asphaltic concrete paving $0.19, 162,281 sq.ft. 4 in. asphaltic concrete paving $0.175, 236,491 sq.ft. grading $0.01, etc., total $89,095. Noted Feb. 4.

Calif., San Diego — A. H. Wright, city clk., from G. R. Daley, 4430 Boundary St., improving Muir Ave. between Abbot and Gulzot Sts., 2,873 cu.yd. excav. $1, 125,593 sq.ft. 1½ in. asphaltic concrete on 3 in. bituminous paving $0.169, 33,264 sq.ft. concrete sidewalk $0.22, 6,200 lin.ft. 8 in. concrete curbing $0.65, total $36,067; from Griffith Co., 25 14th St., improving Essex, Herbert and Vermont Sts., 212 cu.yd. excav. $1, 189,040 sq.yd. 1½ in. asphaltic concrete

See proposal advertisements on page 151, Advertising Section.

Streets and Roads (Continued)

on ½ in. concrete paving $0.198, 3,351 sq.ft. concrete sidewalk $0.21, 693 lin.ft. concrete curbing $0.64, etc., total $39,397. Noted Feb. 4.

Calif., **San Rafael**—Supervs. Marin Co., from W. Moreing, Harris Bldg., Stockton, improving Red Hill Rd. from Nicasio Rd. west to Platform Bridge, 3,000 cu.yd. surfacing $1.50 per cu.yd., 33,000 cu.yd. grading, owner furnishing culverts $16,340, contractor furnishing culverts, $17,400, etc. Noted Feb. 18.

CONTRACTS AWARDED

N. Y., Peekskill — Westchester Co. Park Comm., 72 West Pondfield Rd., Bronxville, grading and concrete paving portion State Parkway from State Camp Rock to Bear Mountain Bridge Approach at Roa Hook, near here, to W. F. Carey, Inc., Peekskill, $21,380. Noted Feb. 4.

Pennsylvania—State Hy. Dept., Harrisburg. (**A means Application and R. means Route**), rein.-con., paving, etc. 22,180 sq.yd. A. 3652, West Wheatfield Twp. Rd., Indiana Co., to R. V. Baldwin, Coraopolis $92,184, 77,457 sq.yd. R. 19 and 16, Sect. 3, Sullivan Co., to James & Nicholson Co., Johnstown $440,482, 8,280 sq.yd. R. 18 and 20, Lycoming Co., to A. W. Hinaman, Williamsport $47,363, 27,901 sq.yd. A. 3604, Spring-Lower Heidelberg Twp., Rd., Berks Co., to M. Staub, Reading $120,059, 9,582 sq.yd. R. 363, Sect. 2, A. 3661, Fayette Co., to Vipond & Strite, Altoona $48,166, 9,605 ft. R. 228 and 348, A. 3730, West Moreland Co., to State Constr. Co., New Kensington $116,709, 29,508 sq.yd. A. 3583 and 3631, Blair Co., to Lincoln Constr. Co., Strafford $112,435; and grading, etc. 38,555 ft. R. 40, North Middleton-Middlesex Twp. Rd., Cumberland Co., to Tristate Eng. Co., Cumberland, Md. $79,577. Grand total $1,056,975. Noted Feb. 18 and 25.

W. Va., Charleston—Kanawha Co. grading and paving Projects 171, 172 and 174, to Bruce Constr. Co., Charleston, $90,277. Noted Feb. 4.

North Carolina—State Hy. Dept., Raleigh, to N. L. Teer, Durham, improving 7.95 mi. Project 479, Wake Co. 76,800 cu.yd. common and rock excav. at $0.40 per cu.yd. 27,200 cu.yd. borrow $0.30, 1,028 lin.ft. 18 in. reinforced pipe $2.45, 248 lin.ft. 24 in. reinforced pipe $3.75, 234 lin.ft. 30 in. rein.-forced pipe $6.50, etc., total $47,766; to Hanford Bros., Burlington, 15.54 mi. Project 240, Johnston Co., 196,600 cu.yd. common excav. and borrow $0.41 100 cu.yd. solid rock excav. $2, 1,856 lin.ft. 18 in. rein.-con. pipe $1.80, 518 lin.ft. 24 in. $2.75, 674 lin.ft. 30 in. $4.50, etc., total $98,163, to Huffstitler & Ginn, Gastonia, 8.73 mi. Project 635, Gaston Co., 40 acres clearing $50, 500 cu.yd. drainage ditch excav. $0.60, 207,800 cu.yd. common excav. and borrow $0.34, etc. total $101,909, to W. E. Graham, Mt. Ulla, 6.47 mi. Project 650, Mecklenburg Co., 29 acres clearing $60, 700 cu.yd. drainage ditch excav. $0.60, 11,700 cu.yd. sloid rock excav. $0.90 634 lin.ft. 18 in. rein.-con. pipe $2.20, etc. total $68,619; to G. T. Martin, Salisburg, 5.76 mi. Project 465, Person Co., 500 cu.yd. drainage ditch excav. $0.60, 75,300 cu.yd. common excav. and borrow $0.45, 100 cu.yd. solid rock excav. $3, 54,190 sq.yd. plain concrete $2.47, etc. total $173,457; to R. H. Wright & Son, Bryson City, 10.27 mi. Project 579, Randolph Co., 100 cu.yd. drainage ditch excav. $0.75, 108,400 sq.yd. plain concrete $2.43, etc. total $273,037; to Highway Eng. & Constr. Co., Selbyville, Del., 6.57 mi. Project 4870, Wake Co., 11,600 cu.yd. common excav. and borrow $0.60, 67,820 sq.yd. plain 8 in. 7 in. 8 in. concrete paving $2.58, total $182,811; to O. F. Leighton & Co., Mutual Bldg., Richmond, Va., 13.46 mi. Project 3960, Robeson Co., 14,000 cu.yd. drainage ditch excav. $0.45, 126,090 sq.yd. plain 6 in. concrete paving $2.25, etc. total $294,593; 8.56 mi. Project 1020, Beaufort Co., 500 cu.yd. drainage ditch excav. $0.50, 9,000 cu.yd. common excav. $0.45, 80,390 sq.yd. plain 6 in. concrete $2.23, total $187,-340; to Powell Paving Co., Inc., Winston-Salem, 11.63 mi. Project 5230, Davidson Co., 13,000 cu.yd. common excav. $0.60, 122,780 sq.yd. cement concrete $1.66, 101,-940 sq.yd. asphaltic concrete $1, total $324,-155; to Tallassee Power Co., Calderwood, Tenn., 6.34 mi. Project 932-A, Graham Co., 53,800 cu.yd. common excav. and borrow $0.35, 61,800 cu.yd. solid rock excav. $0.90, 2,856 lin.ft. 18 in. corrugated metal pipe $2.60, etc., total $96,489. Grand total $1,848,339. Noted Feb. 18.

North Carolina—State Hy. Dept., Raleigh, to E. A. Wood & Co., Andrews, bridge on Project 240, Johnston Co., 103 cu.yd. Class "AA" concrete $34, 2,493 cu.yd. Class "A" concrete $32, 404,520 lb. reinforcing $0.05, etc., total $114,204, and on Project 465, Person Co., 15 cu.yd. Class "AA" concrete $30, 849 cu.yd. Class "A" concrete $27, 121,150 lb. reinforcing $0.05, etc., total $31,-344; to D. S. Blount, Charlotte, on Project 650, Mecklenburg Co., 941 cu.yd. Class "A" concrete $26.50, 126,190 lb. reinforcing $0.05, total $31,246; to T. A. Loving & Co., Goldsboro, on Project 479, Wake Co., 28 cu.yd. Class "A" concrete $30, 70 cu.yd. Class "B" concrete $24, 199,630 lb. reinforcing $0.05, total $48,573. Grand total $225,367. Noted Feb. 18.

South Carolina—State Hy. Comn., Columbia, topsoiling, etc. 6.4 mi. State Route 43, Federal Aid Project 268-A, Edgefield Co., to Nichols Constr. Co., 1 La France St., Atlanta, Ga., $35,829; also concrete bridge over Atlantic Coast Line R.R. tracks, on State Route 28, Federal Aid Project 12, Barnwell Co., to D. M. Richardson, Union $6,473, and 2 rein.-con. bridges on State Project S-522-B, Aiken Co., to Latimer & Peake, Columbia, $16,767. Noted Feb. 4.

Georgia—State Hy. Dept., East Point, (**F. A. P. means Federal Aid Project**), earth approach fills to proposed overhead crossing near Ways, from Sta. 2325 to Sta. 2341, F. A. P. 177, Bryan Co., to Gibson Constr. Co., Savannah, $24,026; bituminous surfacing on bridges and surface treating 2.23 mi. Hazelhurst-Lumber City Rd., F. A. P. 210, Telfair and Jeff Davis Counties, to Hardaway Constr. Co., Columbus Office Bldg., Columbus, $19,670; topsoiling 5.2 mi. Royston-Danielsville Rd., F. A. P. 402-B, Madison Co., to W. C. McCoy Constr. Co., Lafayette, Ala., $27,856, and 2.5 mi. Alto-Baldwin Rd., F. A. P. 423-B, Habersham Co., to M. R. Woodal Co., Walton Bldg., Atlanta, $24,387; concrete surfacing 5.9 mi. Newman-Lagrange Rd., F. A. P. 33, Troup Co., to J. B. McCrary Eng. Corp., Citizens Southern Bank Bldg., Atlanta, $140,986, and 3.9 mi. Royston-Hartwell Rd., F. A. P. 189 and 448-B, Hart Co., to Campbell Constr. Co., Georgia Home Bldg., Columbus, $123,930; sand clay surfacing 5 mi. Lyons-Swainsboro Rd., F. A. P. 417-A, Emanuel Co., and paving 13.1 mi. Louisville-Wrens Rd., F. A. P. 249, Jefferson Co., to J. R. and J. B. Miller, Beaconton, $34,839 and $305,100 respectively. Grand total $700,794.

Ga., Atlanta — To Pittman Constr. Co., Rhodes Bldg., concrete paving 3,804 sq.yd. Matthews Ave. at $2.18 per sq.yd., 2,336 sq.yd. Kent Ave. $2.20, 2,222 sq.yd. Highland Terrace $2.20, and 1,405 sq.yd. Raymond St. $2.20, and to J. N. Saunders, 663 Gordon St. concrete paving 770 sq.yd. Tower St. $2.40; to Meador Constr. Co., 10 West Harris St., 54,000 sq.yd. concrete sidewalks on various streets at $1.47 per sq.yd., 56,000 sq.yd. concrete tile in city during this year at $1.49, and constructing concrete driveway in city $1.65; to MacDougall Constr. Co., 1803 Spring St., asphalt on Willite paving 3,772 sq.yd. Stephens St. at $2.40.

Fla., Key West—Monroe Co., constructing approximately 20 mi. Projects 7 and 9, to S. J. Groves & Sons, 306 Globe Bldg., Minneapolis, Minn., $875,000.

Alabama—State Hy. Dept., Montgomery, (**e. e. means engineers estimate**), gravel surfacing 10.9 mi. Courtland-Town Creek Bridge Rd., 18 ft., Lawrence Co., to Nixon & Phillips, Lineville, $126,204, e. e. $130,-000; asphalt and top soil surfacing 2 mi. Camp Hill Rd., 20 ft., Tallapoosa Co., to J. A. Taylor, Tuscaloosa, $33,979, e. e. $34,-000; grading 2.5 mi. Moulton-Russellville Rd., Lawrence Co., to O. Littrell Constr. Co., Decatur, $21,088 e. e. $25,000, 14.86 mi. Seale-Girard Rd., Russell Co., to A. H. Singer, La Fayette, $83,495 e. e. $85,-000, and 19.4 mi. Tuscaloosa-Fosters Ferry-Greene Co. line Rd., Tuscaloosa Co., to Fountain, Lamb & McLemore, Montgomery, $137,620 e. e. $140,000, all foregoing 18 ft. Grand total $402,386. Noted Feb. 25.

Ala., Birmingham—City Comn., (**e. e. means engineers estimate**), to Independent Paving Co., Amer. Trust Bldg., sheet asphalt paving 9 blocks 2nd Ave. S., 60 ft., $42,211 e. e. $85,900, to H. N. Bowdry, Alabama Power Co. Bldg., 1 block 32nd St., 60 ft., $4,178 e. e. $5,050, 1 block 23rd St., 60 ft. $5,331 e. e. $6,150, concrete paving 3 blocks 10th St. and Grayson Ave., 50 ft., $12,008 e. e. $15,500 and 2 blocks Pike Rd., 50 ft., $9,782 e. e. $11,345; to Morgan Hill Paving Co., Woodward Bldg., concrete paving 3 blocks Court R, 40 ft., $16,002 e. e. $19,250, sheet asphalt paving 7 blocks 5th Ave. S., 40 ft. $43,787 e. e. $78,000, asphalt paving 3 blocks Court Y and Ave. Z, Ensley, $18,980 e. e. $35,500; to Wood Rucker Constr. Co., Amer. Trust Bldg., sheet asphalt paving 2 blocks 16th St., 40 ft., $6,492 e. e. $8,280, and asphalt paving 2 blocks 4th Ave. S., 40 ft., $10,776 e. e. $26,350; to Dunn Constr. Co., Chamber of Commerce Bldg., sheet asphalt paving 8 blocks 3rd Ave. S., 40 ft., $47,703 e. e. $69,100, and 1 block 24th St., 60 ft., $2,682 e. e. $3,100; to Federal Asphalt paving Co., Amer. Trust Bldg., asphalt paving 5 blocks 2nd Ave., 40 ft., $35,499 e. e. $59,050, to P. Richter, 1805 Pearson Ave., 1 block Woodland Ave., 40 ft., $715, e. e. $1,900; to C. F. Browne, 224 Cornelia Ave., concrete paving 3 blocks 41st Alley S., 20 ft., $1,370 e. e. $1,650. Grand total $257,516. Noted Dec. 24 and Feb. 4.

Ala., Mobile — Mobile Bay Bridge Co., Meaher Bldg., roadways in connection with Mobile Bay Bridge, Mobile and Baldwin Counties, to J. Gwin, Age-Herald Bldg., Birmingham, $279,300. Engrs. est. $280,-000. Noted Jan. 21.

Miss., Jackson—Bd. Supervs. Hinds Co. and Advisory Committee, completing Jackson-Raymond Highway, to Horie & Gordon, Jackson concrete $437,692 or vibrolithic $462,376.

Tenn., Nashville—City will surface with granite block Union St. from 9th Ave. to Viaduct, and macadam surface 48th St. from Elkins Ave. to Wyoming Ave., by day labor. To exceed $25,000. W. W. Southgate, City Hall, engr.

Kentucky—State Hy. Dept., Frankfort, grading, etc., 4.064 mi. Columbia-Greensburg Rd., Federal Aid Project 143-A, Adair Co., to E. Young, Columbia, $39,-027. Noted Feb. 18.

O., Lisbon—Columbiana Co., surfacing North Georgetown-Valley Salem Rd., also grading and surfacing 4 mi. East Rochester-North Georgetown Rd., to Holmes Constr. Co., Wooster, $99,133 and $50,891 respectively. Engrs. est. $100,000 and $50,-000 respectively.

O., Portsmouth—Grading, curbing, widening and brick on 7 in. concrete paving 3,800 ft. Chillicothe St. from 2nd to 9th Sts., 40 ft., to T. J. McQuaide, Portsmouth, $25,007. Noted Feb. 11.

Mich., Mason—Ingham Co., 16 ft. graveling 2.042 mi. road, to M. W. Friedley, Eaton Rapids, $15,656; 3.221 mi. road, to C. A. Deihl, Dansville, $18,868; and 2.325 mi. road, to Welker & Van Dosler, Ney, O., $18,512. Grand total $53,035. Noted Feb. 18.

Illinois—State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, grading Route 3, Sect. 33-X, Warren Co., to Wilson & Co., Peoria, $3,832 and Route 30, Sect. 3-A, Peoria Co., to Knapp & Cruse, East Peoria, $29,638; bridges on Route 30, Sects. 8-B and 3-B, Peoria Co., to Herrick Constr. Co., Carlinville, $13,850 and $6,513 respectively, and bridge on Route 30, Sect. 3-C, Peoria Co., to Clinton Bridge Co., Clinton $5,702. Grand total $59,535. Noted Dec. 3.

Ill., Batavia—To McCarthy Impvt. Co., Kahl Bldg., Davenport, Ia., concrete paving 27,000 sq.yd. various streets at $2.30 per sq.yd., grading $0.50 per cu.yd. and curbing and guttering at $0.64 per ft. Noted Feb. 11.

Ill., East St. Louis—Improving 18th St. from Bway. to Illinois Sts., 3,360 cu.yd. excav., removing 7,720 sq.yd. 8 in. concrete, 3,760 ft. curbing, also 8- to 12-in. vitr. clay sewers in Exchange Ave. from 18th to 20th Sts., to L. Rich & Sons, 1520 Winstanley Ave., $31,640 and $4,750 respectively; grading, curbing, sewering and 8 in. concrete paving 1,860 sq.yd. Wabasha St. from Summit to Clair Sts., to Moore Bros. Constr. Co., 925 North 8th St., $9,546. Grand total $45,936.

Ill., Galesburg — Grading, curbing and brick on concrete paving 8 blocks Day St., 27 ft., to H. H. Gunther, 571 North Seminary St., $42,096. Engrs. est. $44,830. Noted Feb. 18.

Ill., Pittsfield—Bd. Local Impvts., 7 in. rein.-con. paving, etc., 27,385 sq.yd. Central Paving Dist., to Divine Constr. Co., Papineau, $74,379. Noted Feb. 11.

Ia., West Liberty — City Clerk, 6 in. rein.-con. paving 35,000 sq.yd. various streets, to Union Constr. Co., 200 New York Life Bldg., Des Moines, at $2.03 per sq.yd. Noted Feb. 11.

Minnesota — State Hy. Dept., St. Paul, (**F. A. P. means Federal Aid Project and S. P. means State Project**) to C. F. Sculley Equipment Co., 212 Dakota Bldg., St. Paul, paving 47,298 sq.yd. Forest Lake-Wyoming Rd., S.P. 1-34, F.A.P. 322 $64,602, 30,132 sq.yd. White Bear-Hugo Rd., S.P. 1-36, F.A.P. 259 $48,429, 52,285 sq.yd. Hugo-Forest Lake Rd., S.P. 1-38, Div. B, F.A.P. 268 $71,360, and 12,500 sq.yd. road from Wyoming east, S.P. 46-23, F.A.P. 2 $32,908; and to Thornton Bros., 318 Endicott Bldg., St. Paul, 28,252 sq.yd. road north and south of Barnum, S.P. 1-44, Sect. 9, F.A.P. 123-D, $44,989. Grand total $252,288. Noted Jan. 14.

Minnesota — State Hy. Dept., St. Paul, grading 260,000 cu.yd. Moorhead-North Clay Co. line Rd., Federal Aid Project 349, State Project 6-44, to Stanley Bros., St. Cloud, $70,934; and 364,240 cu.yd. International Falls-Koochiching Co. line Rd., to Superway, Inc., Fergus Falls, $182,487. Noted Jan. 21.

Minn., Duluth — W. H. Tischer, city comr., grading and gravel surfacing 2.25 mi. Becks Road Blvd. connection, 24 ft.,

See proposal advertisements on page 151, Advertising Section.

Streets and Roads (Continued)

to Campbell Brewer Co., 1506 Alworth Bldg., $52,764.

Mo., Forsyth—For 7 in. concrete paving 11,500 sq.yd. various streets, to De Jarnett & Schrader, 506 West 2nd St., Sedalia, $34,-307.

Mo., Hamilton—C. F. Ridings, city clk., grading, curbing and 7 in. concrete paving 11,500 sq.yd. various streets, to DeJarnett & Schrader, Sedalia, $32,307. Noted Jan. 28.

Ark., Little Rock—Improving streets in Paving Dist. 431, 8,000 cu.yd. excav., 11,800 ft. concrete curbing, 17,000 sq.yd. 6 in. rein.-con. paving, also 200 ft. 12 in. and 200 ft. 18 in. storm sewers, etc., to Grady Garmes, Home Life Bldg., $46,522. Noted Feb. 11.

Tex., Abilene—Taylor Co., 1½ in. Warrenite bitulithic on 2 in. concrete and 6 in. gravel paving Sayles Blvd. to Butternut St., to West Texas Constr. Co., Abilene, $42,166. Engrs. est. $45,000.

Tex., Brownsville — Asphalt on wood block paving 30 blocks various streets, to Chapin Paving Co., 910 Austin St., San Antonio, approximately $60,000.

Tex., Cleburne — Permanent paving Buffalo St. from Harrell to West Chambers Sts., and College Ave. from Buffalo to Pendell Sts., to West Texas Constr. Co., Abilene, $45,673.

Tex., Denton—Paving 12,000 yd. Normal Ave. from Oak St. to Scripture Sts., Bell Ave. to Texas & Pacific Ry. tracks, Oak St. from North Locust St. to Texas & Pacific Ry. tracks, to W. M. Jagoe Constr. Co., Denton, $2.25 per cu.yd.

Tex., Groesbeck — H. F. Kirby, judge Limestone Co., 2 in. rock asphalt on 8 in. crushed rock paving 7.5 mi. Shiloh Rd. and Reunion Grounds Rd., 18 ft., to Brammer & Wilder, Stewart Bldg., Houston, $176,910. Engrs. est. $190,000. Noted Feb. 4.

Tex., San Angelo—For 3 in. brick on 6 in. concrete and inverted penetration on 10 in. gravel surfacing 13 blocks various streets, to Panhandle Constr. Co., Lubbock, $163,533. Noted Feb. 4.

Tex., San Antonio—Asphalt topping 16 blocks Kendall, Hoefgen, Mason, Post and South Pecos Sts., to Southwestern Bitulithic Co., c/o Gunter Bldg., $29,000.

Tex., Tulia—For 2½ in. brick on 4 in. concrete paving 47,000 sq.yd. various streets, to Jordan Constr. Co., Plainview, $131,806.

Tex., Wichita Falls—For 2 in. Warrenite bitulithic on 5 in. concrete paving 6 blocks Kemp Blvd., to West Texas Constr., Staley Bldg., $2.93 sq.yd. Engrs. est. $28,000.

Oklahoma — State Hy. Dept., Oklahoma City, concrete surfacing 121,718 sq.yd. Federal Aid Project 130-D and E, Logan Co., to Green Constr. Co., 519 West Main St., Oklahoma City, $211,041. Engrs. est. $280,000. Noted Feb. 18.

Okla., Hennessey—Grading and concrete paving 19,300 sq.yd. Main St., to E. W. Baker, 1116 West Main St., Oklahoma City, $52,128. Engrs. est. $65,587.

Colorado—State Hy. Dept., Denver, sand surfacing 6.856 mi. Federal Aid Project 278-B, extending southeast from Hugo on Rd. 8, Lincoln Co., to D. S. Reid Constr. Co., 501 Tramway Bldg., Denver, $17,223; paving 0.879 mi. Federal Aid Project 275-D, Douglas Co., to J. F. Roberts & Sons Constr. Co., Tramway Bldg., Denver, $55,701; and grading 5.772 mi. Federal Aid Project 279-C, Jefferson & Park Counties, to W. A. Colt & Son, Las Animas, $125,996. Noted Jan. 14. Girard total $198,920.

Washington—State Hy. Dept., Olympia, improving 0.92 mi. State Rd. 8, 43,000 cu.yd. earth and 27,000 cu.yd. rock excav., 565 cu.yd. concrete, 16 ton reinforcing and 3,800 lin.ft. timber piles, to Myers & Goulter, 607 Cherry St., Port Angeles, $55,698, and 3.1 mi. State Rd. 6, to Cole & Strong, Riverside, $13,843, both in Skamania Co.; crushed rock resurfacing 7,100 cu.yd. State Rd. 3, Walla Walla Co., to H. W. Anderson, 311 California Bldg., Tacoma, $10,489, and crushed gravel resurfacing 6,500 cu.yd. State Rd. 2, Douglas Co., to Chenault & Wagner, 331 Couch St., Portland, Ore., $8,951. Grand total $88,981.

Wash., Walla Walla — Comrs. Walla Walla Co. will grade and 7 in. crushed rock surfacing 6,427 cu.yd. Harry Shaw Rd., by day labor. $25,540. L. O. Kennedy, Walla Walla, engr.

Oregon—State Hy. Dept., Salem, grading and concrete paving 6.86 mi. George Ranch-Deer Creek Sect. Redwood Highway, Josephine Co., to E. McNutt, Eugene, $69,325.

Calif., Alhambra—To Curtis Paving Co., 2440 East 26th St., Los Angeles, improving portions of 8th St., 9,414 cu.yd. grade $0.50, asphaltic concrete paving $0.16 per sq.ft., etc., total $26,165.

Calif., Brawley—City Trustees, 6 in. concrete paving 119,997 sq.ft. K St., to B. Noble, Spreckels Bldg., San Diego, $37,-566. Noted Feb. 11.

Calif., Compton—Improving Belle, Pearl, Van Ness Aves., etc., 72,260 sq.ft. walks, 14,151 ft. curbing, 263,601 sq.ft. grading, 263,601 sq.ft. 5 in. concrete paving, etc., to V. Kovacevich, 1553 Loma Ave., Long Beach, $74,565.

Calif., Hermosa Beach — Improving Camino Real between 14th St. and Pier Ave., 290,840 sq.ft. concrete paving, 400 lin. ft. concrete curbing, etc., to H. Wigman, 1095 Summit St., $63,065. Noted Jan. 21.

Calif., La Mesa—Grading and 5 in. concrete paving 5,600 ft. Chollas Rd. (University Ave. extension) 30 ft., to D. H. Ryan 1615 Fern St., San Diego, $42,156. Noted Feb. 4.

Calif., Los Angeles—Curbing, walks and concrete paving, etc., La Cienga Blvd. between Pico Blvd. and Airdome St., to O. U. Miracle, 227 Ave. D, Redondo Beach, $33,775.

Calif., Oakland—E. K. Sturgis, city clk., grading and warrenite bituminous paving, etc., 478,787 sq.ft. Peralta St. between 7th St. and north city limits, to Oakland Paving Co., 5000 Bway. Noted Feb. 25.

Calif., Sacramento — Sacramento Co., grading and rock surfacing 12,000 cu.yd. Joint Highway Dist. 4, to W. Moreing, Harris Bldg., Stockton, $38,650. Noted Feb. 25.

Calif., San Diego — Common Council, grading and paving Kettner Blvd., Spruce, Winder, Laurel and Pierce Sts., to Hazard Contg. Co., 2548 Kettner Blvd., $100,067. Noted Jan. 28.

Calif., San Diego—San Diego Co., 5 in. concrete, paving 27,736 sq.yd. Chollas Rd. (University Ave. extension), to R. E. Hazzard Contg. Co., 2548 Kettner Blvd., $51,689.

Calif., San Rafael—Supervs. Marin Co., grading approximately 9 mi. Fairfax-Alpine Rd., to F. C. Cuffer, Masonic Bldg., $61,000. Owner will furnish culverts. Noted Feb. 25.

Ont., Toronto — City will repair with asphalt, concrete, macadam and gravel various roads during 1926, by day labor. $796,073. R. C. Harris, City Hall, engr.

Buildings—Commercial

PROPOSED WORK

Mass., Allston (Boston P. O.)—WAREHOUSE—Pittsburg Plate Glass Co., 99 Portland St., Boston, soon lets contract 3 story and basement, 125 x 200 ft., rein.-con., Babcock St., here. $250,000. Densmore, LeClear & Robbins Co., Park Sq. Bldg., Boston, archts.

Mass., Amherst — THEATRE — Lawler Bros., Greenfield, plans 2 story and basement, brick and steel, Amity and Pleasant Sts., here. $150,000. Engineer and architect not selected.

Mass., Boston—OFFICE—Salada Tea Co. having plans prepared by Densmore, LeClear & Robbins, 31 St. James St., 9 story and basement, 80 x 160 ft., brick, stone and steel addition, Stuart St. $700,000.

Mass., Fall River—HOSPITAL—Truesdale Hospital, P. E. Truesdale, dir., plans 3 story and basement, 45 x 130 ft., brick, steel and concrete addition. $500,000.

Mass., Spencer—TOWN HALL—Plans rebuilding 3 or 4 story and basement town hall, recently destroyed by fire. $150,000-$200,000.

Conn., Hartford—THEATRE—D. Weinstock, 22 Girard Ave., having plans prepared by E. T. Wiley, 75 Pratt St., 2 story and basement, brick, steel and stone, State St. $150,000. Noted Jan. 7.

Conn., New Britain—BANK—Fidelity Finance Corp., 87 West Main St., J. M. Chernoff, pres., plans brick and steel, West Main St. $150,000. Engineer and architect not selected.

N. Y., Albany — BANK and OFFICE — New York State Natl. Bank, 65 State St., having plans prepared by H. I. Cobb, engr. and archt., 1465 Bway., New York City, brick, steel and stone, plain foundation, State St. $1,000,000.

N. Y., Bay Shore — THEATRE — M. Glynne, c/o Rialto Theatre, Patchogue, having plans prepared by G. A. Sandbiom, engr. and archt., 145 West 45th St., New York City, brick, steel and stone, plain foundation, Montauk Highway. $250,000.

N. Y., Mt. Vernon — OFFICE — Westchester Lighting Co., South 1st Ave., F. A. Stratton, pres., having plans prepared by B. S. King, engr. and archt., 18 East 41st St., New York City, 10 story, brick, steel and stone, plain foundation, 1st Ave. $1,000,000. Noted Jan. 7.

N. Y., New York—APARTMENT—Vario Realty Corp., c/o Moore & Landseidel, engrs. and archts., 148th St. and 3rd Ave. having plans prepared 5 story, brick, steel and stone, plain foundation, 229th St. and Sedgewick Ave. $175,000.

N. Y., New York — APARTMENT — Schwartz & Rosenberg, c/o Gronenberg & Leuchtag, engrs. and archts., 450 4th Ave., having plans prepared 15 story, brick, steel and stone, plain foundation, West 81st St. $750,000.

N. Y., New York—APARTMENT—One Thousand Eight Hundred Sixty-One University Ave. Corp., c/o Gronenberg & Leuchtag, engrs. and archts., 450 4th Ave., having plans prepared 15 story, 100 x 102 ft., brick, steel and stone, plain foundation, 25-31 West 81st St. $750,000.

N. Y., New York—CLUBHOUSE—Pan Hellenic Assn., H. B. Hepburn, chmn., 620 Park Ave., having plans prepared by firm of Donn Barber, engrs. and archts., 101 Park Ave., 20 story, brick, steel and stone, plain foundation, 1st Ave. and 49th St.

N. Y., New York—HOSPITAL—St. Elizabeth Hospital, 415 West 51st St., soon lets contract 6 story, 120 x 200 ft., brick, steel and stone, plain foundation, Fort Washington Ave. $800,000. O'Connor, Delaney & Schultz, 162 East 37th St., engrs. and archts. Noted Jan. 7.

N. Y., New York—OFFICE—New York Central R.R. Co., 446 Lexington Ave., having plans prepared by Warren & Wetmore, 10 East 47th St., 35 story, 85 x 170 ft., brick, steel and stone, plain foundation, Park Ave. from 45th to 46th Sts. $16,000,000. H. G. Kittredge, 446 Lexington Ave., ch. engr.

N. J., Atlantic City — HOTEL and RESTAURANT — Childs Co., 200 5th Ave., New York City, having plans prepared by G. B. Post & Sons, engrs. and archts., 101 Park Ave., New York City, 18 story, brick, steel and stone, plain foundation, Boardwalk and Carolina Ave., here. $2,500,000.

N. J., Jersey City—CLUBHOUSE—Order of Odd Fellows, c/o Dodge & Morrison, engrs. and archts., 160 Pearl St., New York City, plans brick, steel and stone, plain foundation, Bergen Sq.

N. J., Perth Amboy—HOSPITAL—City plans enlarging hospital. $200,000. S. Riddlestorffer, pres.

Pa., Phila.—THEATRE—Stanley Co. of America, 1916 Race St., having plans prepared by Hoffman-Henon Co., Finance Bldg., 1 story and basement, 120 x 150 ft. theatre, Kensington and Cumberland Sts.

Pa., Phila.—THEATRE—Stanley Co. of America, 1916 Race St., having plans prepared by Hoffman-Henon Co., Finance Bldg., theatre, Broad and Erie Sts.

Pa., Phila. — THEATRE, STORE and SALES—Brown & Sons, 145 Fairmount Ave., having plans prepared by I. W. Levin, 1011 Chestnut St., theatre, store, sales service, etc., 47th St., Baltimore and Warrington Aves. $1,000,000.

Md., Point Lookout — HOTEL — Point Lookout Corp., having plans prepared by Milburn, Heister & Co., Union Savings Bank, Wash., D. C., for hotel. $200,000.

Ga., Decatur—HOTEL—Hotel Committee, J. H. Green, pres., plans granite hotel. $200,000.

Fla., Sarasota—OFFICE—O. Neesoig, 307 West Johnson St., Madison, Wis., purchased site and plans brick, steel and rein.-con., plain foundation, Central Ave., here. $150,000. Engineer and architect not selected.

Fla., Tampa — CLUB — Tampa Y.W.C.A. A. K. Dickinson, pres. plans to raise $750,-000, 9½ story building, incl. gymnasium, swimming pool, office space, etc. in downtown section. M. I. Manley, 303 Brickell Ave., Miami, archt. Noted Feb. 11.

Fla., West Palm Beach—APARTMENT—Ocean & Lake Realty Co., Palm Beach, plans 3 story, 86 x 86 ft., steel and tile, Royal Palm Way, here. $200,000. Addison Mizner, Boca Raton Developers, Miami, archt.

Miss., Biloxi — HOTEL — See "Unclassified."

Miss., Jackson—STATION—Illinois Central R.R. Co., 135 East 11th Pl., Chicago, Ill., having preliminary plans prepared 2 story and basement, rein.-con., brick, stone and tile station, here. $250,000. F. L. Judd, engr. of buildings. This corrects report in Feb. 18 issue.

Miss., McComb — OFFICE — X. A. Kramer having plans prepared by C. H. Lindsley, Lamar Life Bldg., Jackson. 7 story, 100 x 200 ft., rein.-con., brick and stone, Main and Front Sts.

Miss., Meridian—HOTEL—Meyers Bros., S. Meyers, pres., soon takes bids 10 or 11 story, 75 x 100 ft., rein.-con., brick and stone, 21st Ave. and 5th St. P. J. Krouse, Meridian, archt.

La., Alexandria — MEMORIAL — Amer. Legion of Honor, C. E. Barrow, commander, plans raising funds war memorial at Bolton High School.

La., Lafayette — COURT HOUSE — Lafayette Parish Police Jury having plans prepared by W. T. Nolan, 1,026 Canal-Com-

See proposal advertisements on page 151, Advertising Section.

Buildings—Commercial (Continued)

mercial Bldg., New Orleans, courthouse. $300,000. Noted Jan. 21.

Tenn., Bristol—HOTEL—J. A. and W. R. Stone, plan General Shelby Hotel, 8 story and basement, Front and Cumberland Sts. $500,000.

Tenn., Knoxville—LODGE—B. P. O. E. Fraternity, State St., purchased site and plans lodge, Gay St. $150,000.

Tenn., Memphis—OFFICE and STORE—C. F. Farnsworth, 1st Natl. Bank Bldg., having plans prepared by E. L. Harrisson, U & P Bank Bldg., and takes bids in fall, 12 story, modern office and store building, South Main St. and Union Ave.

Tenn., Murfreesboro—HOSPITAL—City, Rutherford Co. and endowment, S. B. Christy, chn., take bids about Mar. 15, concrete, brick and stone hospital. $150,000. Berlin & Swern, 19 South La Salle St., Chicago, Ill., archts. Noted Feb. 4.

Tenn., Nashville—GARAGE—Marr & Holman, archts., Stahlman Bldg., preparing preliminary plans four 3 story, rein.-con., brick and stone garages in business section. $500,000. Owner's name withheld.

Tenn., Nashville—GARAGE—O. F. Noel Estate, Noel Blk., having plans prepared by Hart, Nevens, Freeland & Roberts, engrs. and archts., Independent Life Bldg., 5 story, 550 car capacity, concrete and brick, 3rd and Church Sts. To exceed $150,000.

O., Akron—OFFICE and GARAGE—W. F. Peters, dir. Pub. Wks., soon takes bids 1 and 2 story, 156 x 280 ft., brick and steel, plain foundation, Johnston St., for City. $150,000. Good & Wagner, Mohawk Bldg., archts. M. P. Tucker, Municipal Bldg., engr.

O., Cleveland—INSTITUTIONAL—Y. M. C. A., c/o F. W. Ramsey, pres., East 22nd St. and Prospect Ave., having surveys made by Hubbell & Benes, archts. and engrs., 4500 Euclid Ave., engrs. and archts., brick, steel and concrete building. $4,000,000.

O., Columbus — BANK and OFFICE — Buckeye State Building & Loan Assn., 22 West Gay St., having plans prepared by Hopkins & Dentz, 415 Lexington Ave., New York City, 13 story and 2 basements, 95 x 187½ ft., brick, steel and concrete, East Gay St. $850,000.

O., Columbus—STORAGE and GARAGE—J. E. McCrehen, 880 East Broad St., having plans prepared by Richards, McCarty & Bulfard, 684 East Broad St., 3 story and basement, 100 x 100 ft., brick, steel and concrete, South 4th St. $200,000.

O., Columbus—STORE and OFFICE—R. G. Hanford, (owner and archt.), 681 East Broad St., making plans 4 story and basement, 53 x 140 ft., brick, concrete and stone, 683 East Broad St. $175,000.

O., Columbus — THEATRE — James Theatre Enterprises, 39 West Broad St., having plans prepared by C. H. Crane, 542 Griswold St., Detroit, Mich., 9 story and basement, 115 x 167 ft., concrete, steel and terra cotta, High St. $250,000.

O., Portsmouth—STORE—Steahly Dry Goods Co. having plans prepared 5 story and basement, 30½ x 100 ft., brick, steel and concrete, 4th and Chillicothe Sts. $185,000.

Ind., Fort Wayne—THEATRE—Keenan Hotel Co. having plans prepared by C. R. Weatherhogg, 250 West Wayne St., 4 story and basement, 150 x 185 ft., brick, steel and rein.-con. vaudeville and motion picture theatre, 3,100 seating capacity. $1,000,000.

Mich., Battle Creek—EXCHANGE and GARAGE — Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., Detroit, take bids about Mar. 8, 3 story and basement, rein.-con., brick and steel, plain foundation, for Michigan Bell Telephone Co., Cass Ave., Detroit. $150,000.

Ill., Chicago — HOTEL — Syndicate, c/o E. J. Meles, archt., 105 West Monroe St., having plans prepared and takes bids about Apr. 26, 9 story and basement, 100 x 100 ft., rein.-con., brick and terra cotta, Clarendon Ave. and Gordon Terrace. F. A. Randall, 160 North La Salle St., engr.

Ill., Chicago — HOTEL — Rissman & Hirschfeld, archts., 64 West Randolph St., takes bids in March, 14 story and basement, 107½ x 200 ft., rein.-con., brick, stone and terra cotta, Walton Pl. near North Michigan Ave., for Davis Hotel Corp., 831 Wilson Ave. Total $3,000,000. Noted Dec. 17.

Ill., Evanston—HOTEL—A. E. Johnson & Co., Main and Maple Aves., having plans prepared by Ronneberg & Pierce, 10 South La Salle St., Chicago, 7 story, 75 x 180 ft., rein.-con., brick and stone addition.

Wis., Baraboo—HOTEL—Warren Hotel, c/o L. H. Hill, proprietor, having plans prepared by O. J. and R. E. Sorenson, 226 Main St.; La Crosse, 4 story and basement, 50 x 75 ft., rein.-con., brick and steel hotel. Noted Jan. 21.

Wis., La Crosse—DEPOT—Chicago, Milwaukee & St. Paul R.R. Co., Canal and Adams Sts., Chicago, Ill., plans rebuilding depot, here, recently destroyed by fire. $350,000. Architect not selected. C. F. Loweth, ch. engr.

Wis., Milwaukee—APARTMENT—C. J. Keller & Son, archts., 432 Bway., prepared plans 3 story and basement, 48 x 128 ft., brick and timber, plain foundation, Cedar St., and taking bids on excavation for same, for Cedar St. Realty Co., c/o architects. $150,000. Noted Dec. 17.

Wis., Milwaukee—BUSINESS and RECREATION—Recreation Co., c/o E. G. Schroeder Co., archts., 405 Bway., having sketches made 2 story and basement, rein.-con., brick and terra cotta, plain foundation, North Ave. $150,000.

Wis., Milwaukee—CLUBHOUSE—Beth-El Mens Club, I. Brossell, pres., 585 Maryland Ave., plans 2 story and basement, brick and concrete, plain foundation, 49th St. $150,000. Engineer and architect not selected.

Wis., Wales—INFIRMARY—State Bd. Control, J. Hannan, pres., State Capitol, Madison, having plans prepared by A. Peabody, state archt., Madison, rein.-con., brick and steel infirmary. $250,000. Noted Jan. 28.

Ia., Davenport—SANITARIUM—Beuttler & Arnold, archt., Sioux City and E. G. Holbrook, associated archt., Masonic Temple Bldg., soon lets contract altering and constructing 3 story and basement, 38 x 165 ft. and 44 x 101 ft. rein.-con. and brick additions, plain foundation, for Masonic Grand Lodge of Iowa. $150,000. Noted Nov. 12.

Ia., Iowa City—DEPARTMENT STORE—Davidson Bros. plans 8 or 10 story, 80 x 160 ft. department store. $1,250,000. Engineer and architect not selected.

Minn., Red Wing—COURT HOUSE—Goodhue Co., c/o H. Meyer, aud., plans 3 story and basement court house. $200,000.

Neb., Hastings—HOTEL—R. E. Bryant plans 4 story and basement, 125 x 154 ft. hotel. $20,000. Engineers and archt. not selected.

Neb., Lincoln — BUSINESS — Spelers Clothing Co., 10th and O Sts., had plans prepared by Davis & Wilson, 525 South 13th St., 4 story and basement, 50 x 134 ft., brick and terra cotta business building.

Neb., Omaha — MEMORIAL — Omaha War Memorial Society, J. L. Webster, chn., plans brick and stone memorial in Elmwood Park. $500,000.

Neb., Omaha — OFFICE — Metropolitan Utilities Dist., T. A. Leisen, mgr. and engr., City Hall, having plans prepared by G. B. Prinz, Omaha Natl. Bank Bldg., 4 story and basement, 68 x 136 ft., rein.-con. and brick, 18th and Harney Sts. $275,000. Noted Jan. 21.

S. D., Rapid City—HOTEL and LODGE—Eitel, Inc. (R. J. and M. Eitel), Madison Ave. and Canal St., Chicago, Ill., having plans prepared by L. Guenzel, 879 North State St., Chicago, Ill., 7 story and basement rein.-con., brick and stone, here. $700,000.

S. D., Tyndall — HOSPITAL — Sacred Heart Hospital plans 100 room hospital addition. $225,000.

N. D., Linton—COURT HOUSE—Emmons Co., A. T. Atha, aud., plans 3 story and basement, rein.-con. and brick court house. $150,000.

Mo., Farmington—COURT HOUSE—St. Francois Co. takes bids about Mar. 15, 3 story and basement, 96 x 96 ft., rein.-con., brick and stone court house. $250,000. Howard & Finley, International Life Bldg., St. Louis, archts. Noted Jan. 14.

Mo., Independence—COURT HOUSE—Jackson Co. plans election $225,000 bonds, court house.

Mo., Kansas City—OFFICE—See "Buildings—Industrial."

Mo., Kansas City—HOTEL—E. Thompson & R. Rodgers, Amarillo, Tex., having plans prepared by Sheppard & Wiser, 1208 R. A. Long Bldg., Amarillo Hotel, 11 story and basement, 48 x 76 ft., rein.-con., brick and stone, here. $300,000.

Mo., Kansas City—THEATRE—J. C. Nichols Investment Co. having plans prepared by Boller Bros., 114 West 10th St., 2 and 3 story, brick, steel, concrete and terra cotta theatre and business building. $150,000.

Mo., Kansas City—WAREHOUSE—The (Great) Atlantic & Pacific Tea Co., 818 Summer Ave., Newark, N. J., purchased site and plans warehouse 80,000 sq.ft. floor space, 20th and Cherry Sts., here.

Mo., St. Louis — REFECTORY and LOCKER—Bd. Pub. Serv., 208 City Hall, having plans prepared by H. E. George, Division Parks & Recreation, and takes bids about June 1, 1 story and basement, 94 x 230 ft., rein.-con. and brick refectory and locker, etc., Forest Park. $150,000.

Mo., St. Louis — SERVICE — Bd. Pub. Serv., 208 City Hall, takes bids in April, 3 story, rein.-con. and brick, incl. 200 ft. smoke stack and power plant, etc., 12th and Clark Sts. $750,000. Study & Farrar, Arcade Bldg., archts.

Tex., Amarillo—HOTEL—E. Thompson & R. Rogers, having plans prepared by Shepard & Wiser, R. A. Long Bldg., Kansas City, Mo., 11 story and basement, 48 x 76 ft., rein.-con., brick and stone hotel. $300,000.

Tex., Brownsville — BUSINESS — J. L. Mendlewitz & Associates plan 6 story and part basement, rein.-con. and brick, plain foundation. $150,000. Engineer and architect selected soon.

Tex., Brownsville — HOTEL — Hotel El Jardin Co., c/o J. N. Nix, c/o Lanier Hotel, San Antonio, and A. D. Dickinson & L. James, Brownsville, having preliminary plans prepared by Kelwood Co., archts. and engrs., c/o Travis Bldg., San Antonio, 7 story and basement, rein.-con., brick, tile and stone addition, plain foundation. $300,000.

Tex., Corpus Christi — BANK and OFFICE — Texas State Bank & Trust Co., J. E. Garrett, pres., having preliminary plans prepared 12 story and basement, 50 x 150 ft., rein.-con., brick and stone, plain foundation. $750,000. Private plans.

Tex., Corpus Christi — HOTEL — H. C. Wood & associates, c/o Travis Bldg., San Antonio, had plans prepared by Kelwood Co., c/o Travis Bldg., San Antonio, and takes bids after Mar. 10, 6 story and basement, rein.-con., tile and stucco hotel, here. $300,000.

Tex., Dallas — BANK and OFFICE — Dallas Natl. Bank, c/o J. D. Gillespie, vice-pres., having preliminary plans prepared by C. D. Hill & Co., 2006 Republic Natl. Bank Bldg., 15 story and basement, rein.-con., brick, steel and stone, Main St. $800,000.

Tex., Kerrville—HOTEL—R. L. Burney (promoter), c/o Walsh & Burney, 929 North Flores St., San Antonio, plans 6 story and basement, rein.-con. brick and stone, plain foundation, here. $200,000. Engineer and architect selected soon.

Tex., Levelland—COURTHOUSE—Hockley Co. plans election soon $200,000 bonds, 3 story, concrete courthouse. J. R. Evans, Levelland, co. judge.

Tex., Mineral Wells — HOTEL and PAVILION — Crazy Water Co., c/o S. Webb, pres., having plans prepared by Withers & Merrell, 104½ Oak St., Dallas, 125 room, brick, stone and rein.-con. hotel and pavilion. $300,000.

Tex., San Antonio — HOTEL — H. B. Rouse & Co., 2214 Ward St., Chicago, Ill., having preliminary surveys, etc. made 12 story, brick and stone, plain foundation, here. $1,000,000. Private plans.

Tex., Vernon—HOTEL—E. O. Thompson, Memphis, having plans prepared, Shephard & Wiser, 1208 R. A. Long Bldg., Kansas City, Mo., 5 story and basement, 75 x 140 ft., rein.-con. and brick hotel. To exceed $150,000. Noted Feb. 11.

Okla., Durant—HOTEL—R. T. Storey plans 80 room hotel. $250,000. Engineer and architect not selected.

Wash., Seattle — HOTEL — C. Linde, archt., Seaboard Bldg., takes bids about July 1, 12 story and basement, 120 x 120 ft., rein.-con., brick and terra cotta, 9th and Pine Sts. $1,500,000. Owner's name withheld.

Wash., Seattle—OFFICE—H. Bittman, archt., Securities Bldg., takes bids about Mar. 15, 2 story (ultimately 8 story), 111 x 120 ft., rein.-con., stone and steel, 3rd and Union Sts., for E. L. Mann, c/o architect. $200,000.

Ore., Portland — APARTMENT — E. B. Hallwork, Northwest Natl. Bank Bldg., having plans prepared by J. H. Grant, Br. Trade Bldg., 4 story, 95 x 110 ft., concrete, East 20th and Madison Sts. $200,000.

Ore., Portland — BANK — Northwestern Natl. Bank Bldg., 6th and Morrison Sts., E. Olmsted, pres., having preliminary plans prepared by H. Westcott, Spokane, Wash., for bank addition. $175,000.

Ore., Portland — CITY HALL — H. E. Plummer, city comr., submitted preliminary plans for addition to City Hall. $845,000.

Calif., Boyes Springs—HOTEL—Sonoma Properties Co., c/o J. L. Stewart, archt., Spreckels Bldg., San Francisco, had plans prepared rein.-con. hotel, here. To exceed $150,000.

Calif., Burbank — STUDIO — First Natl. Pictures, Inc., c/o Austin Co., California, archts., 777 East Washington St., Los Angeles, having plans prepared motion picture studio, incl. power plant, garages, cottages, shops, etc., approximately 40 buildings in all. $500,000 or more.

See proposal advertisements on page 151, Advertising Section.

Buildings—Commercial (Continued)

Calif., Fresno—HOSPITAL and OFFICE—G. Sciaroni, Pacific Southwest Bldg., plans 2 or more story, rein.-con., Calaveras and Van Ness Ave. $150,000.

Calif., Long Beach — APARTMENT — E. Eastman, c/o H. R. Davies, archt., Farmers & Merchants Bldg., had plans prepared 12 story and basement, fireproof, East Ocean Blvd. To exceed $150,000.

Calif., Long Beach—CLUB and HOTEL—Seaside Commercial Club & Hotel having plans prepared by L. A. Smith, Film Exch. Bldg., Los Angeles, 8 story and basement, 120 x 165 ft., rein.-con., East Ocean Blvd. To exceed $250,000.

Calif., Los Angeles—HOTEL and STAGE DEPOT—Pickwick Stage Co., 6th and Los Angeles Sts., plans 8 story, 80 x 150 ft. with 6 story addition to structure at present adjoining site, 6th St. and Maple Ave. Engineer and architect not selected.

Calif., Los Angeles—LOFT—L. Conrad, et al, 940 South Western St., having plans prepared by S. C. Lee, 530 Pet. Sec. Bldg., 13 story and basement, 55 x 125 ft., concrete and terra cotta, 8th and Santee Sts. $500,000.

Calif., Los Angeles—LOFT—M. R. Gray, c/o Morgan, Walls & Clements, archts., Van Nuys Bldg., having plans prepared 5 story (ultimately 12 story) and basement, 65 x 130 ft., rein.-con., South Los Angeles St.

Calif., Los Angeles — LODGE, OFFICE and STORE—Golden West Lodge 86, I. B. P. O. E. of W. O. plans 3 story and basement, brick, Central Ave. $150,000. P. R. Williams, Stock Exch. Bldg., archts.

Calif., Los Angeles—STORE and LOFT—L. Conrad, et al., c/o S. C. Lee, archt., Petroleum Securities Bldg., having plans prepared 13 story and basement, 55 x 125 ft., rein.-con., 8th and Santee Sts. To exceed $250,000. Noted Dec. 3.

Calif., Los Angeles — STORE and OFFICE—Dodd & Richards, archts., Brack-Shops Bldg., making plans 12 story and basement, 60 x 160 ft., 5th and Figueroa Sts. To exceed $750,000. Owner's name withheld.

Calif., Oakland — HOSPITAL — Hillcrest Hospital Corp., c/o Reed & Corlett, archts., Bank of Savings Bldg., having plans prepared 8 story and basement, steel and rein.-con., Orchard St. near Summit St. $500,000.

Calif., Oakland — HOTEL—Co-Operative Realty Co., c/o V. W. Houghton, archt., 275 Post St., San Francisco, having preliminary plans prepared 6 story and basement, steel and concrete, 21st and San Pablo Sts. $250,000 or more.

Calif., Oakland—JAIL—Alameda Co. plans fireproof annex, 5th and Washington Sts. $150,000. H. H. Meyers, Kohl Bldg., San Francisco, archt.

Calif., Pasadena — LODGE — Masonic Lodges of Pasadena, plans fireproof lodge. $250,000 or more.

Calif., San Diego—CLUB—Y. W. C. A. of San Diego, had plans prepared by C. E. Decker & F. W. Stevenson, 645 Spreckels Bldg., 5 story and basement, 100 x 150 ft., rein.-con., 11th and C Sts. $300,000.

Calif., San Diego—STORE—H. Perry had plans prepared by T. Fitzhue, 401 West Ave. 50, 6 story, 100 x 100 ft., rein.-con., 4th and B Sts. $250,000. H. L. Benbough, lessee for 20 years.

Calif., San Francisco — APARTMENT — J. Greenback, et al, Hearst Bldg., having plans prepared by C. O. Clausen, Hearst Bldg., 15 story and basement, rein.-con. and steel, Geary St. near Hyde St. $325,000.

Calif., San Francisco—APARTMENT—Quandt & Bros., archts., Humboldt Bank Bldg., preparing preliminary plans, 6 story, basement and sub-basement, rein.-con., Union and Leavenworth Sts. $200,000. Owners name withheld.

Calif., San Francisco — FACTORY and WAREHOUSE — See "Buildings — Industrial."

Calif., San Francisco — HOTEL — Y. M. C. A., Leavenworth and Golden Gate Ave., having plans prepared by F. H. Meyer, 742 Market St., 16 story and basement, Turk St. near Leavenworth St. $800,000.

Calif., San Francisco — OFFICE — San Francisco Builders Exch., W. H. George, pres., 180 Jessie St., purchased site and plans approximately 12 story and basement, 80 x 120 ft., Class A construction, Mission and New Montgomery Sts. $750,000. Engineer and architect not selected.

Calif., San Jose — OFFICE — Local Physicians & Surgeons, c/o M. Hopkins, 485 South 16th St., plans fireproof office building. To exceed $150,000.

Calif., San Jose—TEMPLE—San Jose Labor Temple Assn., A. W. Crawford, secy., plans fireproof labor temple. $150,000. Engineer and architect not selected.

Calif., San Pedro—LODGE—San Pedro Lodge 136, Knights of Pythias, plans 3 story and basement, 50 x 140 ft., brick, Pacific Ave.

Que., Three Rivers — HOSPITAL — Le Corporation de l'Hospital Cook, P. Bique, pres., having plans prepared by Asselin & Deunienut, Three Rivers, for hospital. $150,000. $100,000 fund appropriated.

Ont., Hamilton—APARTMENT—Godson Building Co., 435 Parkside Dr., Toronto, plans 5 story, brick, tile, stone and steel, plain foundation, James St. S. $175,000. Private plans.

Ont., Hamilton—MAUSOLEUM—Canada Mausoleums Ltd., Metropolitan Bldg., Toronto, having plans prepared by Cameron & Ralston, Bartlett Bldg., Windsor, stone, steel and marble, Woodland Cemetery, here. $250,000.

Ont., Ottawa—LIVE STOCK—Bd. Control having plans prepared by Burritt & Hazelgrove, Hope Bldg., Sparks St., and soon takes bids brick or stone, and steel, plain foundation, Bank St. $225,000. Noted Feb. 11.

Ont., Toronto—OFFICE—Federal Building Corp., 85 Richmond St., having plans prepared by Chapman & Oxley, Northern Ontario Bldg., 11 story and basement, 75 x 85 ft., rein.-con. and brick, plain foundation, Bay and Albert Sts. $500,000. Noted Feb. 18.

Ont., Walkerville — HOSPITAL — Essex Border Utilities Comn., Murray Bldg., Windsor, having plans prepared by Pennington & Boyde, Bartlett Bldg., Windsor and Stevens & Lee, 62 Charles St., Toronto, 3 story, rein.-con., brick and steel, plain foundation. $500,000. Noted Jan. 21.

Man., Winnipeg—GARAGE—T. Eaton Co., Ltd., Toronto, Ont., takes bids about Mar. 15, 4 story and basement, 100 x 120 ft., concrete, brick and steel, 255-57 Carlton St., here. J. Woodman, 408 Great West Permanent Loan Bldg., archt.

Man., Winnipeg—HOSPITAL—Sisters of Misericorde, Sherbrooke and Wolseley Sts., having plans prepared by Viau & Venne, 99 St. James St., Montreal, 3 story, basement, and sub-basement, 46 x 150 ft., and 46 x 205 ft., rein.-con., brick and stone addition. $175,000.

T. H., Honolulu—Y. M. C. A., 347 Madison Ave., New York City, N. Y., having plans prepared by L. Rodgers, 533 Spreckels Bldg., San Diego, Calif., 5 story, 176 x 250 ft., Y. M. C. A., here. $650,000.

B. C., Vancouver—APARTMENT HOTEL—Georgia Hotel, c/o G. S. Harrison Co., Seymour and Pender Sts., having plans prepared 10 or 12 story, 120 x 150 ft., rein.-con., brick and steel, Georgia and Howe Sts. $1,000,000.

BIDS DESIRED

Mass., West Springfield (br. Springfield)—Mar. 20, by Y. M. C. A., 2 story, brick and steel addition. $150,000. L. R. Howes, 41 Keith St., Springfield, archt.

Conn., Norwich — SANATORIUM — Mar. 6, by State Hospital Comn., Hartford, F. M. Salmon, comptroller, 2 story and basement, 40 x 190 ft. brick and steel employes building, 2 story, 60 x 80 ft., stone and timber addition, and 1 story infirmary, here. $150,000. Noted Jan. 21.

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., New York—THEATRE—See "Contracts Awarded."

N. J., Plainfield—APARTMENT—Wigton-Abbott Corp., engrs. and contractors, 552 West 23rd St., New York City, taking sub bids 4 story apartment, Crescent Ave. and East 7th St., here, for One Hundred Sixty-Five Crescent Ave. Corp., 552 West 23rd St., New York City. Simpson & Rolston, Newark, archts.

N. J., Trenton—HOSPITAL, etc.—Mar. 12, by Bd. Institutions & Agencies, W. J. Ellis, acting comr., State Office Bldg., group 6 hospital buildings, etc. at New Jersey State Hospital, here. $742,000. Former bids rejected. Noted Feb. 18.

Pa., Phila.—STORE—Mar. 7, by J. G. McCrory Co., 919 Market St., 8 story and basement, 50 x 125 ft., rein.-con., brick and steel, plain foundation. $500,000. Constr. Dept. of J. G. McCrory Co., 1107 Bway., New York City, N. Y., archts.

Pa., Williamsport—LODGE—Mar. 15, by H. R. Davis, chn. Building Com. B. P. O. E. Lodge 173. 3 story and basement, 60 x 192 ft., rein.-con., brick and Indiana limestone, 4th and State Sts. $350,000. Noted Feb. 4.

Md., Catonsville (br. Baltimore)—HOSPITAL—Mar. 18, H. P. Hopkins & A. Burton, archts., 347 North Charles St., Baltimore, 4 story and basement, 50 x 115 ft., stone, plain foundation wing to Foster Clinic, at Spring Grove Hospital, here. $150,000. Noted Oct. 15.

Ala., Anniston—OFFICE—Mar. 25, by L. B. Liles, 10 story, 100 x 150 ft., rein.-con., 10th and Noble Sts., for L. B. Liles, et al. $500,000. Warren, Knight & Davis, Empire Blk., Birmingham, archt.

Miss., Gulfport — BANK and OFFICE — Apr. 1, by Bank of Gulfport, 48 x 75 ft., rein.-con., brick and terra cotta, 104 ft. high, 14th St. and 25th Ave. $125,000-$150,000. N. W. Overstreet, Overstreet Bldg., Jackson, archt. Noted Feb. 11.

O., Cleveland — COMMERCIAL and APARTMENT — One Hundred Thirtieth Buckeye Co., and A. F. Janowitz, archt., 811 Prospect Ave., taking bids 3 story and basement, 67 x 140 ft., brick, East 130th St. and Buckeye Rd. $150,000.

O., Cleveland Heights (Warrensville P. O.) — COMMERCIAL, THEATRE and APARTMENT—W. T. Arnos, 402 Engineers Bldg., Cleveland, and J. F. Steffens, archt., Fidelity-Mortgage Bldg., Cleveland, taking bids 3 story and basement, 100 x 176 ft., brick, steel and concrete, Green Rd. $200,000.

Ind., Seymour—BANK—Mar. 9, by First Natl. Bank, 2 story and basement, 40 x 132 ft. bank. $150,000. McGuire & Shook, Pythian Bldg., Indianapolis, archts. Noted Jan. 21.

Mich., Detroit—OFFICE—Smith, Hinchman & Grylls, archts., 800 Marquette Bldg., taking bids 4 story, 100 x 100 ft., rein.-con., brick and steel, Clifford St., for Detroit City Gas Co., 415 Clifford St. $175,000. Noted Feb. 18.

Mich., Detroit—OFFICE and BANK—Detroit Trust Co., West Fort St., taking bids 1 story, basement and mezzanine, 100 x 138 ft., rein.-con., brick, stone and steel, plain foundation, Fort St. A. Kahn, 1000 Marquette Bldg., archt. $250,000. Noted Jan. 28.

Mich., Pontiac—HOSPITAL—Mar. 12, by W. Brewer, secy. Building Com. Oakland Co., 3 story and basement, brick, steel and stone, plain foundation. $300,000. F. D. Madison, Royal Oak, archt. Noted Jan. 28.

Ill., Chicago—APARTMENT—J. J. Jensen, archt., 1105 Lawrence Ave., taking bids 5 story and basement, 60 x 150 ft., rein.-con. and brick, 5324 Winthrop Ave., for Winthrop Building Corp., c/o architects. $300,000.

Ill., Chicago — THEATRE, STORE and APARTMENT — R. G. Wolff, archt., 410 North Michigan Ave., taking bids 3 story, 135 x 225 ft., brick and terra cotta, Irving Park Blvd. and Austin Ave., for Mitchell Bros., c/o architects. $750,000.

Wis., Milwaukee—THEATRE and BUSINESS—Mar. 13, by A. H. Kienappel, archt., 445 Milwaukee St., 2 story and basement, 60 x 90 ft., and 60 x 200 ft., rein.-con. and brick, plain foundation, 8th Ave., for A. H. Bartelt, 1350 8th Ave. $150,000.

Mo., Springfield—DEPOT—Mar. 8, by F. G. Jonah, ch. engr. St. Louis & San Francisco R.R. Co., Frisco Bldg., St. Louis, remodeling and constructing 2 story and basement, 77 x 247 ft. depot addition, here. $150,000. R. C. Stephens, Frisco Bldg., St. Louis, archt.

Mo., St. Louis—GARAGE—See "Contracts Awarded."

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles—HOSPITAL—Mar. 15, by Bd. Supervs. Los Angeles Co., five 1 story, approximately 35 x 165 ft., frame buildings, for infirmary section. To exceed $150,000. Noted July 2.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Calif., Watsonville—HOTEL and STORE—W. H. Weeks, archt., 369 Pine St., San Francisco, taking bids 5 story and basement, rein.-con., Lake and Main Sts., here, for Resetar Bros. $250,000.

BIDS RECEIVED

Ind., Indianapolis — WAREHOUSE — Vonnegut Hardware Co., 120 East Washington St., Feb. 15, general contract 6 story and basement, 101 x 195 ft., brick, steel and rein.-con., from Service Constr. Co., Castle Hall Bldg., $207,852. Noted Feb. 11.

Mo., St. Louis — MORGUE — Bd. Pub. Serv., 208 City Hall, Feb. 16, 1 and 2 story and basement, 88 x 130 ft., rein.-con., brick and terra cotta, Clark Ave., from G. Griffiths Constr. Co., 705 Olive St., $204,543. Noted Jan. 21.

CONTRACTS AWARDED

Mass., Lynn — LODGE — Knights of Pythias, S. Parsons, 7 Conant Rd., Marblehead, 3 story and basement, 65 x 150 ft., brick and steel, Market St., here, to K. Swanson, 133 Euclid Ave. Archts. est. $300,000.

Conn., New Haven—TEMPLE—Masonic Temple Assn., W. A. Warner, chn. building com., 2 story and basement, 80 x 140 ft., Whitney Ave., to Larkin Carey Co., 166 Brewery St., about $400,000. Noted Feb. 25.

N. Y., New York—APARTMENT—High View Building Corp., c/o C. Kreymborg &

See proposal advertisements on page 151, Advertising Section.

Buildings—Commercial (Continued)

Son, engrs. and archts., 2534 Marion Ave., will build 6 story brick, steel and stone, plain foundation, Ogden Ave. and 162nd St., by day labor. $340,000.

N. Y., New York—APARTMENT—Jadore Constr. Co., c/o C. Kreymborg & Son, engrs. and archts., 2534 Marion Ave., will build 6 story, brick, steel and stone, plain foundation, Nelson Ave. by day labor. $215,000.

N. Y., New York—OFFICE—M. Natanson, 552 5th Ave., 22 story, brick, steel and stone, plain foundation, Bway. and 57th St., to G. Richard Davis, 30 East 42nd St. Archts. est. $6,000,000.

N. Y., New York—THEATRE—Feldshill Constr. Corp., c/o I. L. Cransman, engr. and archt., 370 East 149th St., will build brick, steel and stone, plain foundation, Webster Ave., by day labor. $175,000.

Pa., Fox Chase (Phila. P. O.)—HOSPITAL, etc.—Jeanes Memorial Hospital, c/o Heacock & Hokenson, archts., 1211 Chestnut St., Phila., 42 x 185 ft. hospital, with 40 x 43 ft. and 53 x 58 ft. wings, 53 x 100 ft. administration building, and 38 x 157 ft. nurses home, all 2½ story and basement, rein.-con., brick and steel, plain foundations, Filmore, Hartel, Shelmire and Hasbrook Sts., to R. E. Lamb Co., 843 North 19th St., Phila. Archts. est. $1,000,000. Noted May 28.

La., New Orleans—BANK and OFFICE—E. Weil, archt., Whitney Bldg., 18 story, granite and limestone, Baronne and Common Sts., to O. W. Gwin Constr. Co., Union Indemnity Bldg., for Canal Bank & Trust Co. About $4,000,000. Noted Jan. 21.

Tenn., Memphis—WAREHOUSE—Standard Sanitary Supply Co., Bessemer Bldg., 4 story, 70 x 270 ft., rein.-con., brick and steel, plain foundation, Beale Ave. and Southern Ry. tracks, to Kaucher, Hodges & Co., Shrine Bldg. Archts. est. $225,000.

O., Columbus — BANK and OFFICE — Buckeye State Building & Loan Assn., 22 West Gay St., 13 story and 2 basements, 95 x 187½ ft., terra cotta, stone and steel, East Gay St., to R. H. Evans & Co., Atlas Bldg., about $850,000. Noted Mar. 4.

O., Youngstown—GARAGE—J. H. Fitch Co., 304 Mahoning Bank Bldg., general contract garage, Phelps St., to Heller Bros. Co., Thurman and Rayen Aves., $200,000.

Ind., Indianapolis—GARAGE—Merchants Heat & Light Co., Washington and Meridian Sts., general contract garage and storage of records building, 200 cars capacity, to J. R. Curry Constr. Co., Lombard Bldg., 4400 North Meridian St., $120,000.

Mich., Detroit — ADMINISTRATION — Park Davis & Co., 2951 Atwater St., 4 story and basement, 85 x 100 ft., rein.-con., brick and steel, plain foundation, Jefferson Ave., to A. A. Albrecht Co., 1130 Penobscot Bldg. Archts. est. $150,000. Noted Feb. 4.

Mich., Detroit — GARAGE — Chevrolet Motor Car Co., 3044 West Grand Blvd., 3 story and basement, 150 x 150 ft., rein.-con., brick and steel, Amsterdam Ave., to Davis McGonigle Co., 1210 Buhl Bldg. Archts. est. $160,000. Noted Feb. 4.

Mich., Detroit—THEATRE—D. Nederlander, 11 Campus Martius, general contract 2 story and part basement, 115 x 165 ft., rein.-con., brick and steel, plain foundation, Six Mile Rd., to N. M. Lerner Constr. Co., 1107 Lafayette Bldg. Archts. est. $170,000.

Mich., Jackson — OFFICE — Consumers Power Co., 11 story and basement, 69 x 126 ft., and 50 x 133 ft., rein.-con. and brick, plain foundation, Main St., to H. L. Vander Horst, Kalamazoo. Noted Feb. 4.

Ill., Chicago—BANK—Columbia State Savings Bank, 5000 West Chicago Ave., general contract 2 story and basement, 50 x 125 ft., brick, marble and stone, 5146 West Chicago Ave., to A. Houston, 5946 West Division St. Noted Jan. 7.

Ill., Chicago — THEATRE, STORE, APARTMENT and OFFICE — Addison Southport Building Corp., general contract 4 story, 125 x 150 ft., rein.-con., brick and terra cotta, Addison St. and Southport Ave., to J. J. Redding & Co., 10 North Clark St. Archts. est. $750,000.

Ill., Fairmount City (mail East St. Louis)—CLUB—Fairmount Jockey Club, C. Bruce, genl. mgr., Hotel Jefferson, St. Louis, Mo., general contract 3 story, 80 x 200 ft., brick and steel, here, to W. H. Smith-Nelson Cunliff Co., 107 North 7th St., St. Louis, Mo. Archts. est. $150,000. Noted Feb. 11.

Ill., Waukegan—THEATRE, STORE and APARTMENT—W. G. Burnett general contract 3 story, 137 x 205 ft., rein.-con., brick and terra cotta, Genesee and Clayton Aves., to J. J. Redding & Co., 10 North Clark St., Chicago. Archts. est. $1,200,000.

Ia., Mason City—Y. M. C. A., C. H. MacNider, chn. building comn., general contract 3 story and basement, rein.-con., brick and stone, to Mason Constr. Co., 618 Natl. Bldg., Minneapolis, Minn., $172,250. Noted Feb. 18.

Ia., Newton—HOTEL—F. L. Maytag, 6 story, 66 x 133 ft., rein.-con. hotel, plain foundation, to Lanning Constr. Co., Oskaloosa, $208,000. Noted Oct. 29.

Neb., Omaha—THEATRE—A. H. Blank Theatre Co., 300 Commonwealth Bldg., Des Moines, Ia., general contract 3 story and basement, 132 x 205 ft., brick, 20th and Farnam Sts., to Seldon-Breck Co., Arthur Bldg. Archts. est. $1,000,000. Noted Jan. 28.

Mo., St. Louis—GARAGE—Burdeau Real Estate Co., 801 Chestnut St., will build 1 and 2 story, rein.-con. and brick, Iron St. and Missouri Pacific R.R. tracks, by day labor. $200,000. Peoples Motorbus Co., 2854 Chippewa St., lessee.

Mo., St. Louis—STORE and OFFICE—N. Pelligreen, 1123 Hodiamont Ave., 6 story and basement, 45 x 210 ft., rein.-con. and stone, Hodiamont and Easton Aves., to Pelligreen Constr. & Investment Co., 816 Pine St. Archts. est. $500,000.

Tex., Houston—HOTEL—Terminal Investment Co., c/o J. H. Crocker, 1202-10 State Natl. Bank Bldg., 10 story, 125 x 250 ft., rein.-con., brick and steel, Texas Ave. and Crawford St., to Southwestern Constr. Co., West Bldg., $750,000. Noted Jan. 21.

Tex., Houston — WAREHOUSE, etc. — Southern Pacific R.R., H. M. Lull, ch. engr., Southern Pacific Bldg., 2 story, 40 x 202 ft. head house and office, 45 x 1,080 ft. freight house, 1 story, 28 x 1,140 ft. outbound freight warehouse, 14 x 1,100 ft. transfer platform, etc. all brick, steel and concrete, north side of Buffalo Bayou at San Jacinto St., to Dwight P. Robinson Co., 125 East 46th St., New York City, N. Y. Archts. est. $1,000,000.

Colo., Denver — HOTEL — Points Hotel Co., D. F. Lacy, fiscal agt., Continental Trust Co., 14 story and basement, 75 x 125 ft., brick, terra cotta and steel, 17th and Larimer Sts., to H. Stenmark, 120 South Downing St., $1,100,000.

Wash., Bellingham—HOTEL—Mt. Baker Park Co., 4 story, stone and timber hotel and lodge, here, to Balinger & Ford, Everett, $150,000.

Calif., Beverly Hills—GARAGE—M. A. Wilson, Bradbury Bldg., Los Angeles, 5 story (ultimate 7 story) and basement, 50 x 150 ft., rein.-con., Canon Dr., to Industrial Constr. Co., Chamber of Commerce Bldg., Los Angeles, $150,000.

Calif., Los Angeles—APARTMENT—F. A. Ford, 201 San Canon Dr., Beverly Hills, will build 4 story and basement, 60 x 125 ft., brick, South Hoover St., by day labor.

Calif., Los Angeles—WAREHOUSE—C. F. Plummer, archt., 1108 Story Bldg., general contract 2 story and basement, 95 x 240 ft., rein.-con., 2nd and Vignes Sts., to H. M. Baruch Co., I. W. Hellman Bldg., for Challenge Cream & Butter Assn., 1219 South San Pedro St. $137,560. Noted Feb. 18.

Calif., San Francisco—APARTMENT—California Realty & Finance Co., 319 De Young Bldg., will build three 3 story, timber and brick veneer, Taylor St. near Jackson St., by day labor. $150,000. R. R. Irvine, Call Bldg., archts.

Calif., Santa Monica — CLUB — Beach Club of Southern California, 9 story and basement, 20 x 340 ft., brick and rein.-con., Marine Terrace, to Fidelity Constr. Co., Hill-Street Bldg., Los Angeles, approximately $750,000.

Buildings—Industrial

PROPOSED WORK

Mass., Fall River—MILL—Fall River Mattress Co. plans rebuilding brick and steel mill addition. $50,000-$60,000.

Mass., Somerset — PLANT — Montaup Electric Co .plans plant addition. To exceed $40,000. Engineer and architect not selected.

R. I., Bristol—TEXTILE MILL—Cranston Worsted Co., Thames St., having plans prepared by Jenks & Ballou, 1035 Grosvenor Bldg., Providence, 4 story, 135 x 140 ft., brick addition. $225,000.

N. Y., Buffalo — CORE and MALLEABLE PLANTS—Amer. Radiator Co., 1807 Elmwood Ave., having preliminary plans prepared 1 story, 80 x 300 ft. core plant, $45,000, also 1 story, 100 x 300 ft. and 100 x 300 ft. malleable plant addition, $100,000, both on Elmwood Rd.; also 1 story, warehouse addition, Rano St., $50,000, all brick and steel. L. A. Harding, 1335 Main St., engr., for malleable plant only.

N. Y., Buffalo—INDUSTRIAL—Buffalo Goodwill Industrial, Inc., 372 Michigan Ave., having plans prepared by Hudson & Hudson, Dunn Bldg., 4 story, 75 x 150 ft., rein.-con. and brick, Michigan Ave. $200,000.

Pa., Easton—MILL—Gunning Silk Mills having plans prepared by Ballinger Co., 12th and Chestnut Sts., Phila., silk mill addition.

Pa., McKees Rocks—MANUFACTURING—Enterprises Stamping Co., having plans prepared by J. F. K. Phillips, Wabash Bldg., 1 story, 100 x 236 ft., brick and steel addition.

Pa., Phila. — MILL — Concordia Silk Hosiery Co., A and Courtland Sts., having plans prepared by E. A. Wightman, Bankers Trust Bldg., 2 story and basement, rein.-con. and brick, plain foundation, A and Courtland Sts. $60,000.

Pa., Phila.—FACTORY—E. A. Hopper, archt., 10 South 18th St., soon lets contract 3 story and basement, 33 x 139 ft., rein.-con. and brick addition, plain foundation, Delaware and Howell Sts., for Hellwig Silk Dyeing Co., 9th and Buttonwood Sts., $40,000.

Miss., Cleveland—HEATING PLANT—Mississippi Delta State Teachers College, J. W. Broom, pres., having preliminary plans prepared 2 story central heating plant, rein.-con. and brick. $40,000.

Tenn., Nashville — HEATING PLANT — Montgomery Bell Academy, Harding Rd., having plans prepared by G. D. Waller, 201 Independent Lift Bldg., fireproof central heating plant. $50,000.

Ky., Nortonville — POWER PLANT — Kentucky Electric Power Corp. retained J. G. White Eng. Corp., 43 Exch. Pl., New York City, to design and construct 5,000 kw. capacity steam electric power station.

O., Cleveland—FACTORY—W. S. Tyler Co., C. Zimmerman, secy.-treas., 3615 Superior Ave., had plans prepared 3 story and basement, 68 x 119 ft., brick and rein.-con. addition, East 36th St. $60,000. G. S. Rider Co., Century Bldg., archts.

O., Dayton—FACTORY—York Supply Co., Greenville, having plans prepared by Frank Hill Smith, Inc., Winters Bldg., 3 story, 40 x 120 ft., rein.-con., plain foundation, East 3rd St., $100,000.

Mich., Detroit—CREAMERY—Fairmount Creamery Co., 2452 Eastern Market, had plans prepared 2 story and basement, 150 x 180 ft., rein.-con., brick and steel, plain foundation, Milwaukee Ave. $250,000. Private plans.

Mich., Muskegon — FACTORY — Piston Ring Co., E. Young, having plans prepared 4 story, 122 x 125 ft., rein.-con., Sanford St. $100,000. E. Young, c/o Engr. Dept. of owner, engr.

Wis., Milwaukee—LIGHT MANUFACTURING—J. Ruesch Printing Mchy. Co., 485 Bway., having plans prepared by W. J. Kozick, 664 26th St., 3 story and basement, 30 x 120 ft., brick and concrete or brick and timber, plain foundation, Bway. $50,000. Noted Feb. 18.

Wis., Park Falls—MACHINE SHOP—Flambeau Paper Co. having plans prepared by Brust & Phillip, 405 Bway., Milwaukee, rein.-con., brick and steel machine shop, etc. $150,000.

Ia., Davenport — CEMENT PLANT — Dewey Portland Cement Co., 301 Mutual Bldg., Kansas City, Mo., F. E. Tyler, pres., having plans prepared by J. C. Buckbee Co., engrs. and archts., 38 South Dearborn St., Chicago, Ill., group buildings covering 215 acre area, concrete foundation, here. $3,000,000. Noted Feb. 25.

Neb., Hastings — MANUFACTURING — Roth Mfg. Co., plans 2 story and basement, brick, near Chicago, Burlington & Quincy R.R. tracks. $100,000. Engineer and architect not selected.

Mo., Kansas City — SHOP, etc. — L. Drescher, Ambassador Hotel, having plans prepared by R. F. Gornall, Barclay Bldg., 3619 Bway., 6 story and basement, rein.-con. shop and office, plain foundation, 3724 Bway. $250,000.

Mo., St. Louis—POWER PLANT—See "Buildings—Commercial."

Mo., St. Louis — FACTORY — Century Electric Co., 1806 Pine St., purchased 8 acre tract and plans factory on branch of Wabash R.R., Forest Park Blvd., Spring and Manchester Aves.

Mo., St. Louis—FACTORY—Koken Co., 2528 Texas Ave., plans group buildings for barber supply factory, near here. $2,000,000.

Mo., St. Louis—POWER PLANT—Union Electric Light & Power Co., 12th and Locust Sts., L. H. Egan, pres., plans to expend more than $11,000,000 in construction work to keep pace with growing demand for electric power in territory, incl. additions to Kahoka and Ashley power plants.

Minn., Minneapolis—FACTORY—Strong-Scott Mfg. Co., 413 South 3rd St., plans 2 or 3 story and basement, rein.-con., and brick, Taft St. between Traffic and Kennedy Sts. $175,000. Engineer and architect not announced.

See proposal advertisements on page 151, Advertising Section.

Buildings—Industrial (Continued)

Minn., Winona—POWER PLANT—Mississippi Valley Pub. Serv. Co. plans 1 story, rein.-con., brick and steel additional unit, plain foundation, here. $40,000. Engineer and architect not selected.

Texas — COTTON GINS — Pharr Gin & Warehouse Co., Pharr, plans 2 complete cotton gins, one at Bill Schiltz Switch, and other at San Juan Plantation. $75,000. Work may be done by day labor. Private plans.

Tex., Beeville—BOTTLING PLANT—E. K. Lyons, Mercedes, soon takes bids bottling plant, 4,200 daily capacity. $50,000. Private plans.

Tex., Brownsville — ICE and COLD STORAGE PLANT — Brownsville Ice & Cold Storage Co. having preliminary plans prepared 45 ton capacity ice and cold storage plant. $100,000. Private plans.

Tex., Brownsville — YARN SPINNING PLANT — Merchants & Planters Cotton Mill, New Braunfels, making plans 2 story, 150 x 250 ft., permanent construction, here. $100,000. Private plans. Noted Aug. 20.

Tex., Center Point—TEXTILE MILLS—S. E. Bomar (promoter), Kerrville, plans 2 or 3 story textile mill on Guadalupe River, here. $1,000,000. Engineer and architect not selected.

Tex., Harlingen—COTTON GIN—Henderson & Webb soon take bids 6 stand, 80 saw capacity cotton gin. $40,000. Private plans.

Tex., Plainview — MILL — Harvest Queen Mill & Elevator Co. having plans prepared rebuilding 5 story and basement, rein.-con. mill and warehouse, recently destroyed by fire. Southwestern Eng. Co., Woodruff Bldg., Springfield, Mo., engrs.

Tex., Rochester—COTTON GIN—Farmers Gin Co., plans cotton gin of two separate units. $75,000. Private plans.

Tex., San Antonio—PACKING PLANT—Mission Provision Co., 114 Blue Star St., plans 2 story, 49 x 97 ft., rein.-con. and steel packing plant. $125,000. M. L. Diver, c/o Calcasieu Bldg., engr.

Tex., San Antonio—FACTORY—J. Love, Inc., 20 East 22nd St., New York City, having plans prepared 2 story part basement, rein.-con., brick and stone, plain foundation, here. $200,000. Private plans.

Tex., Temple — COTTON GIN — O. L. Fletcher plans 8 stand, 80 saw capacity cotton gin, 14th St. and Ave. C. $40,000. Private plans.

Tex., Yoakum — HOSIERY MILL — C. Mankin and associates, soon take bids hosiery mill, brick and rein.-con. $65,000. Private plans. Noted Sept. 3.

Okla., Oklahoma City—SEED HOUSE—Southwestern Cotton Oil Co., 6 East Chickasaw St., making preliminary plans rebuilding 1 story, 124 x 270 ft. seed house, steel, recently destroyed by fire. $175,000. H. Hayden, mgr. Engineer and architect not announced.

Wash., Grotto—CEMENT MILL—Northwestern Portland Cement Co., Seattle, plans cement plant, here. $1,000,000.

Wash., Seattle — CEMENT PLANT — Washington Portland Cement Co., Seattle, plans cement plant, 750,000 bbl. yearly capacity. $2,000,000.

Ore., Hood River — COLD STORAGE PLANT — Maynard & Child, Ry. Exch. Bldg., Portland, having preliminary sketches made cold storage plant, here. $100,000.

Calif., Berkeley—PLANT—H. J. Heinz Co., 217 2nd St., San Francisco, and 1062 Progress St., Pittsburgh, Pa., purchased site and plans fireproof food products plant, Ashby and San Pablo Aves. $750,000 or more.

Calif., Chowchilla — PLANT — Danish Creamery Co-Operative Assn., J. R. Murphy, genl. mgr., E and Inyo Sts., Fresno, plans dried milk plant, here. $90,000 or more.

Calif., Fresno — PLANT — Danish Creamery Co-Operative Assn., J. R. Murphy, genl. mgr., E and Inyo Sts., plans dried milk plant. $75,000.

Calif., Oakland—FACTORY—California Wire & Cable Co., 564 Market St., San Francisco, had plans prepared 1 story, brick and steel addition, 81st St. To exceed $40,000 . Austin Co. of California, 244 Kearny St., San Francisco, engrs.

Calif., San Francisco—FACTORY, etc.—Granat Bros., 2248 Mission St., having preliminary plans prepared by V. W. Houghton, 275 Post St., 2 story and basement, steel and concrete factory and store, Mission and 20th Sts. $150,000.

Calif., Santa Monica — FACTORY — Symphonaer Organ Co., 504 Wilshire Blvd., plans factory. To exceed $250,000.

Calif., Santa Rosa—PLANT—E. F. and H. P. Sophey, plan rebuilding 1 story, 120 x 200 ft. auto body and truck plant, 3rd and A Sts.

Que., Drummondville—SILK FACTORY Canadian Celanaese Co., Ltd., L. Auger, had plans prepared by D. R. Clavel, Baste, Switzerland, silk factory, here.

Ont., Brampton—FLOUR MILL—Brampton Milling Co., A. H. Balfour, proprietor, plans rebuilding mill, recently destroyed by fire. $50,000.

Ont., Woodstock—FACTORY—Harvey Knitting Co. plans factory addition. $60,000.

B. C., New Westminster — PULP MILL and SAWMILL — Dominion Natl. Consolidated Industries, Ltd., City Hall, S. M. Bump, pres., having plans prepared pulp and saw mill, Poplar Island, near here. $2,000,000. Private plans.

BIDS DESIRED

Pa., Phila.—BOTTLING PLANT—Mar. 4, by G. Schmidt & Sons, Inc., 2nd and Edwards Sts., 2 story, mezzanine and basement, 107 x 176 ft., rein.-con. and brick addition, plain foundation. C. E. Wunder, 1520 Locust St., arch.t

Pa., Phila.—SUB-STATION—Mar. 9, by J. I. Windrem, archt., Commonwealth Bldg., 1 story and basement, 60 x 100 ft., and 15 x 19 ft., rein.-con. and brick, plain foundation, 19th and Oxford Sts., for Philadelphia Electric Co., 10th and Chestnut Sts.

La., New Orleans — GARAGE and WAGON WORKS — Mar. 15, by M. H. Goldstein, archt., Hibernia Bank Bldg., 5 story, rein.-con., Gravier St., for Thomson Bros. $100,000.

Wis., Janesville — PLANT — See "Contracts Awarded."

Wis., Milwaukee — FACTORY — R. E. Oberst, archt., 128 Grand Ave., taking bids 2 story, 88 x 88 ft., brick and timber addition, plain foundation, Harmon St., for B. Nasnot, c/o architect. $40,000.

Wis., Wisconsin Rapids — PLANT — See "Contracts Awarded."

Ia., Des Moines—PLANT—Mar. 15, by J. A. Raymaker, archt. and consult. engr., c/o Woods Brothers Thresher Co. (owner) 160 x 500 ft., 80 x 340 ft. and 28 x 340 ft. plant, also 40 x 60 ft. power plant rein.-con. and steel, concrete foundation.

Ia., Iowa City — HEATING PLANT — Mar. 9, by W. H. Gemmell, secy. State University, State House, Des Moines, 1 story and basement, 120 x 210 ft., rein.-con., brick, steel and stone, here. Former bids rejected. Noted Feb. 25.

Mo., Marionville—VINEGAR FACTORY —See "Contracts Awarded."

Mo., St. Louis—FOUNDRY—See "Contracts Awarded."

Okla., Chickasha—BRICK PLANT—See "Contracts Awarded."

CONTRACTS AWARDED

Conn., Southington—HARDWARE FACTORY—Peck, Stow & Wilcox Co., Railway Sq., 2 story, 97 x 100 ft., brick addition, to H. Wales Lines Co., 134 State St., Meriden. Archts. est. $65,000. Noted Nov. 19.

Conn., Waterbury — FACTORY —Lux Clock Mfg. Co., 97 Sperry St., 5 story and basement, 50 x 322 ft., brick and steel addition, to Tracy Bros. Co., 52 Benedict St. Noted Dec. 31.

N. Y., New York—DISTRIBUTING STATION—New York Edison Co., 130 East 15th St., 1 story, rein.-con., brick and steel, plain foundation, Boston Rd. and 172nd St., to Ken-Well Contg. Co., 45 East 17th St. Archts. est. $150,000.

N. J., Camden — FACTORY — Congress Cigar Co., 3rd and Spruce Sts., Phila., Pa., 4 story and basement, 100 x 160 ft., and 20 x 50 ft., rein.-con. and brick, plain foundation, 9th and Liberty Sts., here, to J. S. Rogers Co., Drexel Bldg., Phila., Pa. Archts. est. $300,000. Noted Feb. 11.

Pa., Phila. — MILL — Artcraft Silk Hosiery Mills, Erie Ave. and Amber St., 1 story and basement, 86 x 192 ft., rein.-con. and brick, plain foundation, M St. north of Gary St., to Robbins Contg. Co., 1137 North Frankford St. Archts. est. $50,000.

Tenn., Dyersburg — ICE and COLD STORAGE PLANT—Dyersburg Ice & Cold Storage Co., 2 story and basement, brick and concrete, along Illinois Central R.R. tracks, to S. Bliven Constr. Co., Dyersburg, $40,000. Noted Dec. 17.

Ill., Chicago — FACTORY — B. Heller & Co., 3925 Calumet Ave., general contract 2 story, 67 x 369 ft., brick and steel addition, to W. McCumber, 140 South Dearborn St. Archts. est. $125,000.

Ill., Chicago — TOY FACTORY — N. Shure, 4537 Fulton St., general contract 4 story, 99 x 100 ft., brick addition, 4631-4639 Fulton St., to G. F. Meyne, 127 North Dearborn St., $150,000.

Ill., Chicago—FACTORY—F. A. Randall, structural engr., 160 North La Salle St., general contract 2 story, 75 x 100 ft. top addition, 1650 Walnut St., to B. J. Regnell Co., 19 South La Salle St., for Jewell Electrical Instrument Co. Archts. est. $40,000.

Ill., Chicago — FACTORY — Universal Stamping & Mfg. Co., 1925 South Western Ave., general contract 1 story, 108 x 175 ft., brick, 2841 North Western Avev., to E. C. Ecker & associates, 110 South Dearborn St. Archts. est. $58,000.

Ill., Fulton — WAREHOUSE — Patent Novelty Co., 2 story and basement, 80 x 140 ft., concrete and brick warehouse, to A. G. Hoese, Fulton. Noted Jan. 14.

Ill., Kankakee—ROUND HOUSE, etc.—Cleveland, Cincinnati, Chicago & St. Louis R.R. Co., Union Central Bldg., Cincinnati, O., O. H. Baldwin, ch. engr., brick round house, service building, etc., to A. J. Glaser, Muncie, Ind. Engrs. est. $208,900. Noted Jan. 28.

Ill., Sycamore — BOOK BINDERY — Chamber of Commerce, 1 story and basement, 100 x 125 ft., concrete and brick, to B. J. Nelson, 560 De Kalb St., De Kalb. Archts. est. $50,000.

Wis., Janesville—PLANT—C. H. Cox, 509 Monroe St., will build 1 story, 40 x 100 ft., rein.-con., brick and steel, plain foundation, here, by day labor. $50,000. Private plans.

Wis., London—REPAIR SHOP—Febock & Nattestad, 1 story and basement, 60 x 100 ft., rein.-con. and brick repair shop, here, to Hanzicker Contg. Co., Lake Mills. Archts. est. $40,000.

Wis., Milwaukee — FACTORY — Amer. Hair Felt Co., 44th and State Sts., 1 story, 132 x 150 ft., brick and timber addition, State St., to J. L. Stanage, 3526 Cedar St. Archts. est. $40,000.

Wis., Wisconsin Rapids—PLANT—Consolidated Water Power & Paper Co., will build 25 x 28 x 40 x 40 ft., rein.-con., brick and steel, plain foundation, by day labor. $50,000. L. A. DeGuere, Wisconsin Rapids, engr.

Mo., Jacksonville — WOOD WORKING PLANT—Huttig Sash & Door Co., 1200 South Vandeventer St., St. Louis, wood working plant addition, approximately 37,000 sq.ft. floor space, here, to N. J. Sutton, 332 East 3rd St., St. Louis, $60,000.

Mo., Marionville—VINEGAR FACTORY —Spears Vinegar Mfg. Co., Nicholson and Watkins Sts., Kansas City, will build 2 story, rein.-con. factory, here, by day labor. $60,000-$75,000. Private plans. Noted Feb. 18.

Mo., St. Louis—FOUNDRY—Koken Co., 2528 Texas Ave., will build 1 story, 100 x 160 ft. foundry, Morganford St., by day labor, under supervision of W. A. Lucas, archt., 3411 Halliday Ave. $50,000.

Okla., Chickasha—BRICK PLANT—Bay Petroleum Co. will build brick plant, by day labor. $80,000. Private plans.

Calif., Bakersfield — NEWSPAPER PLANT—C. H. Biggar, archt., Bank of Italy Bldg., 2 story and basement, 70 x 121 ft., rein.-con. plant, to H. Eissler, Bakersfield, for Bakersfield Daily Californian. $83,500. Noted Feb. 25.

Calif., Los Angeles—FACTORY—Angelus Furniture Mfg. Co., 931 East Pico St., 2 story, 175 x 500 ft., brick, East 9th St., to J. M. Cooper, Rives-Strong Bldg., $150,000.

Calif., Los Angeles—CREAMERY—Jersey Farm Dairy Co., Slauson and Vermont Aves., part 1 and 2 story, 165 x 265 ft., brick and steel, Gramercy Pl., to J. Schuck, 1223 West 61st St., $60,000.

Calif., Oakland — WAREHOUSE — Lawrence Warehouse Co., A. T. Gibson, pres., 37 Drumm St., San Francisco, 5 story, rein.-con., 1st, Water, Franklin and Webster Sts., to Industrial Constr. Co., 815 Bryant St., San Francisco, approximately $350,000. Noted Nov. 26.

Calif., San Jose — CANNERY — U. S. Products Co., c/o Wolfe & Higgins, archts., Auzerais Bldg., 1 story, timber, Race St., to R. O. Summers, 1132 South 2nd St., $40,000.

Calif. South San Francisco—FACTORY —W. P. Fuller Co., 301 Mission St., San Francisco, 3 story paint factory, rein.-con., here, to P. J. Walker Co., Sharon Bldg., San Francisco, to exceed $150,000.

Buildings—Educational Religious

PROPOSED WORK

Mass., Framingham — CHURCH — Grace Congregational Church plans rebuilding church, recently destroyed by fire. $200,000. Engineer and architect not selected.

Mass., Springfield — SCHOOL and OFFICE—Bay Path Institute, Chestnut St., plans 2 and 3 story and basement, 60 x 120 ft., brick and steel, Chestnut St. and Harrison Ave. $150,000-$170,000.

Mass., Worcester—DORMITORY—Worcester Polytechnic Institute plans 3 or 4 story and basement, brick and steel dormitory. $225,000. Engineer and architect not selected.

See proposal advertisements on page 151, Advertising Section.

Buildings—Educational, Religious (Cont.)

Conn., Hartford — SYNAGOGUE and SCHOOL—Emanuel Synagogue, M. Silverman, rabbi, 90 Homestead Ave., having plans prepared by Ebbets & Frid, 15 Lewis St., 1 and 2 story, brick and stone, Greenfield and Woodland Sts. $250,000.

Conn., New Britain — SCHOOL — M. J. Nukelbach, archt., 52 Main St., soon takes bids 3 story school, incl. 20 class rooms, 2 gymnasiums, boys shop room, girls household, art room, Tremont St., for Bd. Educ., J. M. Halloran, chn. school com. $200,000. Noted Feb. 18.

N. Y., Buffalo—CHURCH—St. Rose of Lima Roman Catholic Church, 42 Carmel Rd., having plans prepared by Bley & Lyman, 505 Delaware Ave., 2 story and basement, rein.-con. and brick, Parkside Ave. $150,000. Noted Jan. 21.

N. Y., New York — CHURCH and SCHOOL—Church of Our Lady of Pompei, c/o M. W. Del Gaudio, engr. and archt., 160 West 45th St., having plans prepared brick, steel and stone, plain foundation, 6 Leroy St. $550,000.

N. Y., Oyster Bay—SCHOOL—Bd. Educ. having plans prepared by Tooker & Marsh, engrs. and archts., 101 Park Ave., New York, brick, steel and stone, plain foundation. $600,000.

N. J., Union—SCHOOLS—Bd. Educ. having plans prepared by F. A. Elsasser, 855 Broad St., Newark, 2 twelve room schools. $340,000.

Fla., Lake City—SCHOOL—Bd. Educ. voted $175,000 bonds, school.

Fla., Winterhaven — SCHOOL — Plans election $200,000 bonds, new high school, for Bd. Educ. C. F. Ward, mayor.

Ky., Louisville—HIGH SCHOOLS—Bd. Educ. plans 1 Senior and 8 Junior High Schools. $3,500,000.

La., Ruston — ADMINISTRATION — Louisiana Institute of Technology, having plans prepared by E. F. Neild, Shreveport, 2 and 3 story administration building. $400,000.

Miss., Cleveland — COLLEGE — Mississippi Delta State Teachers College, J. W. Broom, pres., having preliminary plans prepared womens dormitory, $120,000, and academic building, $200,000, each 2 story, brick and concrete.

O., Alliance—LIBRARY—Mt. Union College having plans prepared by Walker & Weeks, 1900 Euclid Bldg., Cleveland, 3 story and basement, Mt. Union St. $450,000.

Ind., Greencastle—CHURCH—Methodist Episcopal Church, having preliminary plans prepared by Daggett & Hibben, 922 Continental Bank Bldg., Indianapolis, brick, steel and rein.-con. church. $200,000. F. Ogg, chn.

Ind., Greencastle—DORMITORIES—De Pauw University having plans prepared by Daggett & Hibben, 922 Continental Bank, Lucy Roland Hall and Longden Hall, both brick and rein.-con., University grounds. $250,000 each.

Ind., Indianapolis—PARISH HOUSE—First Presbyterian Church, M. F. Smith, pastor, 16th and Delaware Sts., having plans prepared by R. F. Daggett, 959 Lemcke Annex, brick and rein.-con., adjoining church. $150,000.

Ind., Indianapolis — SCHOOL — School Comn., 150 North Meridian St., having plans prepared by McGuire & Shook, 320 Indiana Pythian Bldg., Grade School 9, brick and rein.-con., incl. gymnasium, Vermont and Davidson Sts. $160,000. Snider & Rotz, 703 Merchants Bank Bldg., engrs.

Mich., Highland Park (Detroit) — CHURCH—Highland Park Baptist Church had plans prepared by Lane, Davenport & Peterson, 1017 Charlevoix Bldg., Detroit, plans 3 story and basement, 115 x 140 ft., brick and steel, plain foundation. $150,000.

Mich., Oxford — SCHOOL — Bd. Educ. having preliminary plans prepared by Malcolmson & Higginbotham, 1217 Griswold St., Detroit, 2 story and basement, rein.-con., brick and steel, plain foundation. $150,000.

Ill., Normal—HIGH SCHOOL—Bd. Educ., H. Dermert, supt., having preliminary plans prepared by Schaeffer, Roozen & Hooten, Peoples Bank Bldg., Bloomington, rein.-con., brick and stone high school. $200,000.

Wis., Lake Geneva—GYMNASIUM—Bd. Educ., P. Peterson, clk., plans 2 story and basement, brick and concrete, plain foundation. $150,000. Engineer and architect not selected.

Wis., Madison—SCHOOL—University of Wisconsin, c/o J. D. Phillips, bus. mgr., Administration Bldg., plans rein.-con., brick and steel medical building. $600,000. Engineer and architect not selected.

Wis., Milwaukee—SCHOOL, etc.—School Bd., F. Harbach, secy., having plans prepared by G. E. Wiley, c/o owner, North Division High School, 3 story and basement, brick and concrete addition, incl. 44 x 60 ft. power house and 100 ft. brick stack, 12th St. $250,000.

Wis., Milwaukee—SCHOOL—School Bd., F. Harbach, secy., having plans prepared by G. E. Wiley, c/o owner, remodeling West Division High School, and constructing 3 story and basement, 24 x 65 ft., brick and concrete addition, inc. coal vault, gymnasium, locker room and 100 ft. chimney, 23rd St. $200,000.

Wis., Sun Prairie — COMMUNITY — Sacred Heart Congregation, c/o J. J. Salentin, pastor, having plans prepared by Claude & Starck, Badger Annex, Madison, 1 story and basement, rein.-con., brick and steel, plain foundation. $150,000.

Ia., Muscatine—SCHOOLS—Plans election $275,000 bonds, 1 new and additions to 2 schools.

Ia., Newton—SCHOOLS—Voted $170,000 bonds, 2 new grade schools and addition to Washington School. Thomas, McLennan & Thomas, 527 West 17th St., Des Moines, archts. Noted Jan. 28.

Ia., Sioux City—DORMITORY—Morningside College, 1500 Morningside Ave., having plans prepared by Beuttler & Arnold, engrs. and archts., Grain Exch. Bldg., Women's Dormitory, 3 story and basement, 56 x 135 ft. main building and two units, each 2 story, 42 x 80 ft., rein.-con. and brick, concrete pile foundation, Vine Ave. $205,000.

Neb., Hastings—SCHOOL—Election Mar. 9, $450,000 bonds, addition to Longfellow Grade School, incl. gymnasium, shop, etc. K. H. Giding & Co., Loyal Mystic Legion Bldg., archts.

Mo., Cape Girardeau—SCHOOLS—Bd. Educ. having plans prepared by R. K. Knox, H. & H. Bldg., Cape Girardeau, and W. B. Ittner, 911 Locust St., St. Louis, and takes bids about Apr. 1, 2 story and basement, 122 x 195 ft., rein.-con., brick and stone addition to school, Louisiana and West Themis Sts.; 2 story and basement, 80 x 164 ft. with two 46 x 70 ft. wings to Washington Grade School; and 46 x 70 ft. addition to Bay Greene School. $150,000 each. Noted Nov. 12.

Mo., St. Louis—SCHOOLS—Bd. Educ., 911 Locust St., soon takes bids reconstructing Central High School; constructing 6 room additions to Long and Rose Schools; 8 room addition and auditorium for Harris Teachers College; 12 room additions to Scruggs and Buder Schools; and reconstructing Arlington and 3 story school to replace Canterbury portables. R. M. Milligan, c/o owners, archt. and engr. and engrs.

Mo., St. Louis — SCHOOL — Central Institute for Deaf, 818 Kingshighway, soon takes bids 3 story and basement, rein.-con., brick and stone school addition. $300,000. W. B. Ittner, 911 Locust St., archt.

Mo., Webster Groves—SCHOOLS—Plans election $180,000 bonds, constructing (2nd unit) new high school and addition to negro high school, for Bd. Educ.

Tex., Amarillo—CHURCH—Central Presbyterian Church, takes bids after Mar. 10, 2 story and part basement, 140 x 210 ft., rein.-con., brick and stone, plain foundation, 11th and Harrison Sts. $250,000. Shepard & Wiser, 1208 R. A. Long Bldg., Kansas City, Mo., archts. Noted Jan. 7.

Tex., Amarillo—HIGH SCHOOL—Amarillo Independent School Dist., c/o G. M. Waddell, secy., having preliminary plans prepared high school. $225,000 bond election soon for same.

Okla., Enid—SCHOOL—Voted $250,000 bonds, for school, for Bd. Educ. Noted Jan. 21.

Okla., Ponca City — MUSEUM — E. W. Marland making preliminary plans rein.-con. and brick, plain foundation, Grand St. $250,000. Engineer and architect not selected.

Wash., Seattle—CHURCH—St. Marks Protestant Church, c/o J. F. Duthie, ch. building com., plans new church. $150,000-$200,000.

Wash., Seattle — SCHOOL — School Bd. having plans prepared by F. A. Naramore, Central Bldg., John Marshall Intermediate School, North 68th St. and Ravenna Blvd. $500,000.

Wash., Tacoma—COLLEGE—College of Puget Sound, E. H. Todd, pres., having plans prepared by Sutton-Whitney & Dugan, Rust Building, 38 x 120 ft., brick and stone womens building. Plans later 66 ft. wing.

Calif., Glendale—HIGH SCHOOL—Plans election bonds to exceed $150,000 high school, for Glendale Union High School Dist.

Calif., Los Angeles — UNIVERSITY — University of California, Berkeley, plans fireproof branch buildings, here. To exceed $750,000. G. W. Kelham, Sharon Bldg., San Francisco, archt.

Que., Hull — SCHOOLS — Hull School Comn. having plans prepared by J. D. Chene, 163 Notre Dame St., 2 schools. $150,000.

Ont., Hamilton — SCHOOL — Bd. Educ. having plans prepared by Witton & Walsh, 7 Hughson St. S., 2 story and basement, 8 room, rein.-con., brick and steel, plain foundation, Westdale St. $150,000.

Ont., Toronto—MUSEUM—Royal Ontario Museum, Bloor St., plans 2 story and basement, brick addition. $250,000.

Ont., Toronto—SCHOOL—Bd. Educ. having plans prepared by C. E. Dyson, 155 College St., John Winters School, 2 story and basement, 9 room, rein.-con., brick and steel, plain foundation, Fairlawn Ave., $150,000; also repairing various schools, $350,000.

Ont., Toronto—SCHOOL—Chapman & Oxley, archts., Northern Ontario Bldg., soon take bids 3 story and basement, rein.-con., brick and steel, plain foundation, Glenview Ave., for Havergal College, 345 College St. $250,000.

Ont., Welland — SCHOOL — Bd. Educ. plans 2 story and basement, 9 room, rein.-con., brick and steel, plain foundation, North Ward. $150,000. Engineer and architect not selected.

BIDS DESIRED

Md., Baltimore—SCHOOL—Mar. 17, by Bd. Awards, 3 story and basement, 64 x 252 ft., brick and steel, plain foundation, Preston and Walnut Sts. Flournoy & Flournoy, 306 St. Paul St., archts. H. Massart, 326 North Charles St., engr.

N. C., Goldsboro—HIGH SCHOOL—Mar. 10, by Bd. Trustees Goldsboro Schools, 2 story, 22 class room, Herman Park. $225,000.

Pa., Columbia—CONVENT—Mar. 11, by P. A. Monaghan, archt., 1713 Sansom St., Phila., 3 story and basement, 48 x 120 ft., and 48 x 200 ft., rein.-con., stone and steel, plain foundation, here, for Sisters St. Joseph Convent. $300,000.

O., East Cleveland (Cleveland P. O.) — SCHOOL—Mar. 22, by Bd. Educ., C. A. Tilden, dir., Shaw and Euclid Aves., 2 story and basement, brick, steel and concrete, Caledonia St. $225,000. J. F. Cavanaugh, 2729 Prospect Ave., Cleveland, archt. Noted Jan. 28.

O., Marysville — DORMITORY and ASSEMBLY HALL — Dept. Welfare Oak and 9th Sts., Columbus, taking bids 3 story and basement, 50 x 200 ft. dormitory, $120,000, also 3 story and basement, 40 x 50 ft. gymnasium and assembly hall, $65,000, both brick and steel, for Ohio Reformatory for Women, here. H. B. Briggs, Ohio Hartman Bldg., state archt.

O., Stowe (mail Lowell)—HIGH SCHOOL—Mar. 10, by Bd. Educ., 3 story and basement addition, incl. auditorium and gymnasium. $150,000.

Ind., Indianapolis—SCHOOL—Mar. 6, by Bd. School Comrs., 150 North Meridian St., School 78, Vermont St. and Sherman Dr. E. D. Pierre, 1134 Hume-Mansur Bldg., archt.

Ind., Anderson—SCHOOL—Mar. 17, by Bd. Educ., 2 story, 160 x 180 ft., brick and rein.-con., East 12th St. between Fletcher and Pearl Sts. $165,000. E. R. Watkins, Farmers Trust Bldg., archt.

Mich., Fordson (Detroit P. O.)—HIGH SCHOOL—Apr. 14, by F. E. Yinger, secy. Bd. Educ., 3 story and basement, rein.-con., brick and steel, plain foundation. $150,000. H. J. Keough, 3440 Cass Ave., Detroit, engr. and archt.

Mich., Ypsilanti—SCHOOL—Mar. 15, by W. M. Derbyshire, secy. Roosevelt School, 3 story and basement, 150 x 190 ft., rein.-con., brick and steel, plain foundation, Augusta Twp., for Consolidated Agricultural School. $350,000. Warren Holmes-Powers Co., Lansing, archts.

Ill., Chicago—HIGH SCHOOL—Mar. 16, by Bd. Educ., 650 South Clark St., Roosevelt Senior High School, 3 story and basement, 300 x 650 ft., rein.-con., brick and stone, Wilson and Kimball Aves. $4,000,000. J. C. Christensen, c/o owner, archt.

Minn., Minneapolis—CHURCH—Mar. 10, by Central Lutheran Church, S. J. Stevens, ch. Building Com., 130 x 150 ft., rein.-con., brick and sand stone, 4th Ave. and Grant St. $170,000.

Ont., Toronto—CHURCH—J. F. Brown, archt., 2 Bloor St. E., taking bids 1 and 2 story and basement, 60 x 100 ft., rein.-con., brick and steel, plain foundation, Park Rd., for Central Baptist Church, Castle Memorial Hall, Bloor St. W. $160,000.

BIDS RECEIVED

D. C., Wash. — HIGH SCHOOL — Dist. Comrs., Feb. 19, Stuart Junior High School, from Parson & Hyman, Inc., Equitable Bldg., (a) $10,000 (b) $445,000. Noted Feb. 4.

See proposal advertisements on page 151, Advertising Section.

Buildings—Educational, Religious (Cont.)

Neb., Omaha — HIGH SCHOOL — Bd. Educ., M. E. Bird, secy., City Hall, general contract 2 story and basement, brick, Maple and 52nd Sts., from P. Kiewitz & Sons, 908 Omaha Natl. Bank Bldg., $376,850.

Calif., Los Angeles — SCHOOL — Bd. Educ., Feb. 17, general contract 2 story, 115 x 235 ft., brick, 17th St., from J. F. Kobler, 932 South Rimpau St., $102,678. Noted Feb. 11.

CONTRACTS AWARDED

Mass., Braintree (Ind. br. Boston) — SCHOOL — City, School Com., 3 story and basement, 110 x 180 ft., brick and steel, to J. M. Hartwell, 46 Cornhill St., Boston. Archts. est. $175,000.

Mass., Norwood — SCHOOL — St. Catherine's School, J. F. Doherty, pastor, 2 story and basement, brick and steel, Nahatan St., to J. F. Griffin Co., 15 Exchange St., Boston. Archts. est. $150,000. Noted Feb. 18.

N. Y., Bayside (Ind. Sta. Flushing)—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract for addition to P. S. 41, 35th Ave. from 214th Pl. to 214th Lane, here, to M. F. Kelly Building Corp., 33 Old Bway., New York City, $297,840. Noted Jan. 14.

N. Y., Wellsville—HIGH SCHOOL—Bd. Educ., brick, steel and stone, plain foundation, to Havens Contr. Co., Olean, N. Y., $321,008. Noted Jan. 21.

Pa., Ardmore—HIGH SCHOOL—Lower Merion Twp. School Dist., general contract two 3 story and basement, 69 x 84 ft., rein.-con. and brick wings to Senior High School, plain foundation, Montgomery Ave. and Church Rd., to Wills-Bill Co., 1706 Sansom St., Phila., $274,724; heating and ventilating, to N. Connelly, 1404 North 18th St., $27,107. Noted Feb. 25.

Pa., Johnstown—HIGH SCHOOL—J. D. Rutledge, pres. Bd. Educ., 601 Swan Bldg. general contract Garfield Junior High School, 3 story and basement, 260 x 300 ft., brick and steel, Morrellville St., to R. R. Kitchen Co., Bae Mar Pl., Wheeling, W. Va., $670,000; electrical work, to Reese & Barnhart, Johnstown, $32,687. Noted Feb. 4.

Pa., Phila. — CHURCH — Tabernacle Lutheran Church, c/o W. L. Miller, pastor, 6123 Christian St., stone and steel church, plain foundation, 59th and Spruce Sts., to E. J. Kreitzburg, 1333 Arch St. Archts. est. $150,000.

Pa., Phila.—SCHOOL—Bd. Educ., 19th and Chestnut Sts., general contract 2 story and basement, 76 x 173 ft., rein.-con. and brick, plain foundation, to G. W. Shaner & Son, Palmyra, N. J., $128,279; and electrical work, to C. S. Wright, Camden, N. J., $29,751.

Pa., Swissvale (Ind. br. Pittsburgh) — SCHOOL and CONVENT — St. Anselms Roman Catholic Congregation, general contract 1, 2 and 3 story and basement, school and convent addition, to H. Busse Co., Wabash and Main Sts., Pittsburgh. Archts. est. $200,000.

Pa., Williamsport—HIGH SCHOOL—Bd. Educ., general contract Thadius Stevens High School, 2 story and part basement, 170 x 260 ft. rein.-con., brick and steel, plain foundation, 7th Ave., to J. Cunningham, Elmira, N. Y., $296,362; heating and ventilating, to B. G. Carpenter Co., 508 South Main St., Wilkes-Barre, $60,436; and plumbing, to K. Plankenhorn, Williamsport, $23,599. Grand total $360,397. Noted Feb. 4.

Miss., Raymond — HIGH SCHOOL — Bd. Trustees Hinds Co., general contract 2 story, 72 x 210 ft., brick administration building, swimming pool, gymnasium and addition to girls dormitory, to E. G. Parrish Constr. Co., Jackson, for Hinds Co. Agricultural High School and Junior College. $122,900. Noted Feb. 4.

Tenn., Knoxville — CHURCH — Central Methodist Church, brick and stone church, to J. M. Sunn & Son, Knoxville. Archts. est. $260,000. Noted May 1.

O., Cincinnati—SCHOOL—St. Joseph College, Delhi Rd., 5 story and basement, rein.-con. and brick, plain foundation, Delhi Rd., to Penker & Son, 123 Valencia St. $250,000.

Mo., St. Louis—LIBRARY—Pub. Library Bd., c/o Central Library, 14th and Olive Sts., 2 story and basement, 30 x 60 ft., and 45 x 100 ft., brick, concrete and stone, Grand St. and Utah Pl., to Dickie Constr. Co., Syndicate Trust Bldg. Archts. est. $150,000. Noted Dec. 31.

Mo., University (St. Louis P. O.) — SCHOOLS—Bd. Educ., 6701 Delmar Blvd., general contract 2 brick and concrete wings to Flynn Park School, and addition to Pershing School, each 2 story and basement, to W. MacDonald Constr. Co., Syndicate Trust Bldg., St. Louis, archts. est. $250,000; and 3 story, 67 x 98 ft., and 38 x 98 ft. additions to Harvard High School, to Dickie Constr. Co., Syndicate Trust Bldg., St. Louis, archts. est. $170,000. Noted Jan. 21.

Ore., Portland—SCHOOL—Bd. Educ., 2 story, 107 x 260 ft., rein.-con. and brick, 1169 Fremont St., to Stebinger Bros., Worcester Bldg., $170,827.

Calif., Santa Barbara—GYMNASIUM—Santa Barbara Recreation Center, 3 story, steel and rein.-con., gymnasium, to Waggoner & Fell, 1515 Laguna St., $165,000. Noted Jan. 21.

Federal Government Work

PROPOSED WORK

Ga., Atlanta — Administration — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., rejected bids Dec. 22, 2 story and basement administration building for U. S. Veterans Hospital 48, here. Noted Dec. 31.

Tex., Galveston—Dredging—U. S. Engineers Office, Trust Bldg., J. L. Schley, dist. engr., making plans and takes bids about June 1, dredging 9 mi. channel. $3,000,000.

BIDS DESIRED

Ala., Florence — Roadway — Mar. 25, by U. S. Engineers Office, constructing roadway at Dam 2 (Wilson Dam), Tennessee River; adv. E. N.-R. Mar. 4.

Ky., Louisville—Wicket Irons, etc.—Mar. 16, by U. S. Engineer Office, P. O. Box 72, wicket irons, horses and props for Navigable Pass, Dam 41, Ohio River; adv. E. N.-R. Mar. 4.

Ind., Fort Wayne—Remodeling—Mar. 17, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office and Court House, here. J. A. Wetmore, acting supervising archt.; adv. E. N.-R. Mar. 4.

Mich., Camp Custer (br. Battle Creek) —Walks—Mar. 16, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing covered walks for U. S. Veterans Hospital 100, here. F. T. Hines, dir.

Ill., Great Lakes (br. Waukegan)—Ash Handling System—Spec. 5184—Mar. 24, by Bureau Yards & Docks, Navy Dept., Wash., D. C., ash handling system for Naval Training Station, here. Noted Dec. 3.

Colo., Denver—Gates—Mar. 29, by Bureau Reclamation, Dept. Interior, E. Mead, comr., two 4 x 4 ft. high pressure emergency gates for McKay Dam, Umatilla Project, Oregon; and three 5 x 5 ft., high pressure sluice gates, for Guernsey Dam, North Platte Project, Nebraska-Wyoming. E. Mead, comr.; adv. E. N.-R. Mar. 4.

Calif., Eureka—Radio Tower—Spec. 5161 —Mar. 17, by Bureau Yards & Dock, Navy Dept., Wash., D. C., 125 ft. steel and concrete radio tower at Naval Radio Station, here. Former bids rejected. Noted Feb. 18.

BIDS RECEIVED

N. Y., New York—Dredging—U. S. Engineers Office, Army Bldg., 39 Whitehall St., Feb. 26, 24,000 cu.yd. dredging in Harlem River, from Great Lakes Dredge & Dock Co., 17 Battery Pl., at $0.775 per cu. yd., total $18,600. Noted Jan. 28.

N. Y., Troy—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., Feb. 16, mailing vestibule, mezzanine, etc. at U. S. Post Office, here, from Nial Bros. Constr. Co., Douw St. **(1)** $4,990, **(2)** $1,460. Noted Jan. 28.

La., Reserve—Dock—Inland Waterways Corp., 321 Custom House Bldg., New Orleans, constructing dock, from Dalgarn Constr. Co., Louisiana Bldg., New Orleans, creosoted $34,558, creosoted and untreated $31,558, and untreated $28,300. Noted Feb. 11.

Ill., Evanston — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, from Pearson-Regnall Co., 5816 Bway., Chicago, $4,900. Noted Feb. 4.

Tex., Brownsville — Remodeling — Treas. Dept. at office Supervising Archt., Wash., D. C., Feb. 23, remodeling and enlarging U. S. Court House, Custom House, and Post Office, here, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., **(a)** $11,490 **(b)** $6,080. Noted Jan. 28.

Calif., San Diego—Water Meter, etc.—Spec. 5165—Bureau Yards & Docks, Navy Dept., Wash., D. C., Feb. 24, water meter, tank, equipment, etc., for Naval Operating Base, (Marine Corps Base), here, from W. E. Kier Constr. Co., 8130 1st Natl. Bank Bldg., $8,083. Noted Jan. 28.

T. H., Pearl Harbor — Administration — Spec. 5149—Bureau Yards & Docks, Navy Dept., Wash., D. C., Feb. 24, extending administration, here, from W. Wills, 502 Thompson St., Seattle, Wash., $98,621. Noted Jan. 7.

C. Z., Panama—Pipe Masts—Spec. 5115—Bureau Yards & Docks, Navy Dept., Wash., D. C., Feb. 3, 2 guyed steel pipe masts for naval radio station, Cape Mala, here, from P. C. Delaney, 15 Grant Ave., Harrison, N. J., $7,230. Noted Jan. 28.

CONTRACTS AWARDED

Ky., Louisville—Metal Work—U. S. Engineer Office, Lots A, B, C, D and F metal work for Chanoine and Beartrap Weirs for Dams 46, 49 and 50, in Ohio River, to Amer. Car & Fdry. Co., Jeffersonville, Mo., $105,000; Lots E and H, to J and J. B. Mulholland Co., Pittsburgh, Pa., $17,795; and Lot G, to Wright Machine Co., Owensboro, Ky., $1,975. Grand total $124,570. Noted Jan. 14.

Mo., St. Louis—Hull—Mississippi River Comn. at office of Secretary, 1311 International Life Bldg., steel hull for steamer "Mississippi," to Howard Ship Yards & Dock Co., Jeffersonville, Mo., $52,793. Noted Jan. 21.

Calif., Santa Rosa—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to H. Papenhausen, 595 Victoria St., San Francisco, $16,000. Noted Feb. 18.

Unclassified

PROPOSED WORK

Car Barns and Shops—Cambridge (Boston P. O.), **Mass.**—Boston Elevated Ry. Co., E. Dana, genl. mgr., Park Sq. Bldg., Boston, plans steel and concrete car barns and shops, Fresh Pond St., here. $200,000. Work may be done by day labor.

Swimming Pool—Lawrence, Mass.—City plans swimming pool, South Lawrence. $25,000. J. E. Allen, 283 Essex St., engr.

Subway—New Britain, Conn.—City made plans subway, South Main St. from High School to Roberts St. and Franklin Sq. $45,000. J. D. Williams, city engr.

Subway—New York—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, soon takes bids subway from 8th Ave. and 53rd St., New York City, to Hancock St. and Nott Ave., Long Island City.

Water and Power Development—Niagara Falls, N. Y.—Lower Niagara River Power & Water Supply Co., Lafayette Bldg., Buffalo, F. D. Casey, pres., plans power and water development, here. $35,000,000.

Coke Ovens—Clairton (Wilson P. O.), **Pa.** —Carnegie Steel Co., Carnegie Bldg., Pittsburgh, plans 300 additional coke ovens, here. $4,000,000. Private plans.

Land Development—Biloxi, Miss.—P. M. Skremetti c/o Skremetti Realty Co. (one of promoters of project) making tentative plans developing 400 acres subdivision on island in Back Bay, incl. seawall, fill, triple arch steel and concrete bridge, paving streets, sewers, waterworks, electric lights, etc. and 250 room hotel with auditorium, 3,000 seating capacity. Private plans.

Sea Wall—Gulfport, Miss.—Harrison Co. election Mar. 9, $1,400,000 bonds, 9.93 mi. rein.-con. sea wall, incl. 41,025 ft. Type A, and 11,392 ft. Type B wall. H. D. Shaw, Gulfport, ch. engr. Noted Feb. 18.

Land Development — Henderson Point (mail Bay St. Louis), **Miss.**—C. L. Schmidt & Co., 39 South La Salle St., Chicago, Ill., C. L. Schmidt, pres., plans developing 1,400 acres, incl. streets, sidewalks dredging, bayous, here, $3,000,000. Plans later hotel, yacht club, golf course, etc. A. M. Shaw, Hibernia Bank Bldg., New Orleans, La., engr.

Lighting System — Columbus, O. — City Council plans 9 mi. each lighting system on Broad St. from east to west corporation lines and High St. from north to south corporation lines. $350,000. City appropriates $150,000 toward cost and remainder assessed on the property owners.

Subway——Springfield, Mo.—Plans election soon $121,000 bonds, constructing concrete subway on National Ave.

Park and Playgrounds—Webster Groves (Ind. br. St. Louis), **Mo.**—Election Mar. 16, $225,000 bonds, for parks, playgrounds, etc.

Voltage Line—Texas—East Texas Pub. Serv. Co., Marshall, K. Lee, genl. mgr., plans 125 mi. high voltage line from Mar-

See proposal advertisements on page 151, Advertising Section.

Unclassified (Continued)

shall to Grand Saline. $125,000. Private plans.

Land Development—Carrizo Springs, Tex.—Leinbach Bros., 2120 Dime Bank Bldg., and Verner, Wilhelm & Molby, 602 Book Bldg., Detroit, Mich., purchased 32,000 acres land and plan colonization development, etc., in Dimmit and Zavalla Counties, near here. $500,000 cost of land Natl. Constr. & Development Co., c/o Frost Bldg., San Antonio, have charge of operations and plot land, roads, wells, etc.

Grade Separations — California — State Hy. Comn., Sacramento, making plans 2 grade separations of Santa Fe R.R. at Serra, Orange Co. to connect South Coast Highway with inland route to Los Angeles and Coast Route to San Diego (cooperative project with railroad). R. M. Morton, Forum Bldg., Sacramento, highway engr.

Ornamental Lighting System — Los Angeles, Calif. — Made plans ornamental lighting system on portions of Lorraine Blvd., La Salle Ave., Woodbine and Reeves Sts., etc. $50,000, and portions of Tract 9134, Kewanee St., Holly Vista Dr., etc. $26,000; c.i. metal standards on streets in Bell-Air Dist., $25,000; metal standards on Spring St. between 1st and 9th Sts. $40,000, Olive St. between 5th and 9th Sts. and between 9th and Pico Sts. $30,000, Hill St. from 1st to 5th, 5th to 9th and 9th St. to Pico Sts. $60,000, 4th St. between Main and Hill Sts., 6th St. between Main and Bway. Sts. and between Bway. and Olive Sts. $40,000, 1st St. between Main and Hill Sts., and 6th Ave. between Vernon Ave. and 54th St. $30,000, in area bounded by Bway., Vermont, Slauson and Florence Aves. to exceed $90,000, various streets in Holmby Hills Tract $25,000, Compton Ave. between Vernon and Slauson Aves. $30,000, Beverly Blvd. in Holmby Hills Tract, and Grand Ave. between Sunset Blvd. and Temple St. $25,000, also Beverly Blvd. between 1st St. and Vermont Ave., and between Western and Rosemore Aves. $40,000.

Telephone System—Canada—Bell Telephone Co. of Canada, 118 Notre Dame St. W., Montreal, Que., plans extending telephone system incl. exchanges, new lines, etc., during the next 5 years, $87,000,000, of which $17,500,000 will be expended this year.

Water Power Development — Donacona, Que. — Donacona Paper Co., made plans 2 units, 4,500 hp. water power development. $500,000. J. A. Beauchenin, engr.

Fire Alarm System, etc.—Quebec, Que.—City plans fire alarm system and new switchboard. $35,000. W. D. Baillarge, Quebec, engr.

Electric Lighting System—St. Pierre les Becquets, Que. — Shawinigan Water & Power Co. Ltd., Shawinigan Falls, plans street and domestic electric lighting, here. $40,000. R. C. Lindsay, Shawinigan Falls, engr.

Sprinkler System—Toronto, Ont.—Plans sprinkler system in City Hall attic. $35,000. R. C. Harris, City Hall, engr.

Subway—Toronto, Ont.—Canadian Natl. Ry. 231 St. James St., Montreal, Que., making plans and soon takes bids subway on Ynoge St. in connection with Toronto Grade Separation Scheme. $500,000. C. S. Gzowski, ch. engr.

Subway — Toronto, Ont. — Canadian Pacific Ry., Windsor Sta., Montreal, Que., plans subways on Bay and York Sts. in connection with grade separation scheme, here. $1,000,000. J. M. R. Fairbairn, Windsor Sta., Montreal, Que., engr.

Freight Shed, etc. — Calgary, Alta. — Canadian Pacific Ry., Windsor St. Sta., Montreal, having plans prepared 1 story and basement, 60 x 130 ft. freight shed with 28 ft. platform, and 40 x 80 ft. express building, rein.-con. and brick, here. $100,000. Private plans. J. M. Cameron, Calgary, Alta, genl. supt.

BIDS DESIRED

Fire Alarm System—Rochester, N. Y.—Mar. 24, by State Hospital Comn., Capitol, Albany, fire alarm system for Rochester State Hospital, here; adv. E. N.-R. Mar. 4.

Subway, etc.—Wash., D. C.—Mar. 11, by Dist. Comrs., Dist. Bldg., constructing subway and bridge.

Dock—Superior, Wis.—Mar. 12, by Great Northern R.R. Co., St. Paul, Minn., 280 x 2,200 ft. steel and concrete iron ore dock, on pile and concrete foundation, etc., at Allouez Bay. $1,000,000. J. R. W. Davis, ch. engr. H. J. Seyton, resident engr.

Culverts—Primghar, Kan.—Mar. 16, by Auditor O'Brien Co., 13 concrete box culverts and extensions on Federal Aid Project 247-B, W. L. Anderson, Court House, engr.

Electric Transmission Line—Oklahoma—See "Contracts Awarded."

Gas Tank — Toronto, Ont. — See "Contracts Awarded."

BIDS RECEIVED

Platform Extensions—Brooklyn, N. Y.—Bd. Transportation J. H. Delaney, chn., 49 Lafayette St., New York City, extending station platforms, to Bway.-4th Ave. Rapid Transit R.R., Group 4, here, from Corson Constr. Co., 1440 Bway., New York City. $345,022. Noted Feb. 11.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Feb. 26, subway, Sect. 1, Route 102, under and along Greenwich and 8th Aves., from Bank to West 17th Sts., from Morantí & Raymond, 42 Bway. $4,160,322. Noted Feb. 18.

CONTRACTS AWARDED

Timber Flume, etc.—Brooklyn, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing timber flume and signal tower foundations at Coney Island Yard, Shell Rd., here, to J. H. Duncan, Inc., 5718 2nd Ave., $271,292. Noted Feb. 25.

Heating, etc.—Ithaca, N. Y.—C. D. Bostwick, comptroller Cornell University, heating and sanitary work, under ground connections, etc., for green houses, at Dept. Floriculture and Vegetable Gardening, at New York State College of Agriculture, here, to Holleran Bros., 901 Linden Pl., Elmira, N. Y., $14,890. Noted Feb. 25.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., subway Sect. 4-A, Route 78, under and along St. Nicholas Ave. from West 141st to 149th St., to La Rocca Constr. Co., 576 Exterior St. $4,680,064. Noted Feb. 4.

Excavation and Foundation — Madison, Wis. — Beecroft Building Co., 6 West Mifflin St., excavation and foundation for 1 story, rein.-con., brick and steel theatre, plain foundation, State St., to J. H. Kelly, 24 East Mifflin St. Noted Jan. 14 under "Buildings—Commercial."

Electric Transmission Line—Oklahoma—City of Cleo Springs, election Mar. 12, $25,000 bonds, 14 mi. transmission line from Cleo Springs to Fairview and distribution system in Cleo Springs. H. G. Olmsted, 2230 West 18th St., Oklahoma City, engr.

Electric Transmission Line—Oklahoma—Inland Utilities Co., Elk City, will build 21 mi. elcctric trnasmission line from Leedy to Hammon, by day labor. $35,000. J. D. Bornford, Elk City, engr.

Lighting System — Alhambra, Calif. — Ornamental street lighting system in Emery Park Dist., to J. R. Davies, 2131 Santee St., Los Angeles, $44,200. Noted Jan. 28.

Conduits, etc.—Beverly Hills, Calif.—G. Reed Co., underground conduits in Beverly Crest Tract, 42,000 ft. 3 in. and 41,000 2 in. fibre conduit, 3,000 1½ in. black iron pipe, etc., to E. A. Irish, I. W. Hellman Bldg., Los Angeles, $26,596.

Ornamental Lighting System — Long Beach, Calif. — Constructing ornamental lighting system on Locust Ave. between 10th St. and Ocean Blvd., to J. C. Perry, Detwiler Bldg., Los Angeles, $33,730. Noted Feb. 25.

Gas Tank — Toronto, Ont. — Consumers Gas Co., 19 Toronto St., will build gas tank and gas meter, by day labor, concrete foundation, to Russell Constr. Co., Harbor Bldg., $40,000. Engrs. total est. $100,000.

Materials

PROPOSED WORK

Road Oil — Nashville, Tenn. — Bd. Pub. Wks. soon takes bids road oil for 1926 supply. $15,000. H. E. Howse, mayor.

Road Oil—Farmington, Ill.—See "Streets and Roads."

Road Oil — Knoxville, Ill. — See "Streets and Roads."

BIDS DESIRED

Paving Materials, etc.—Buffalo, N. Y.—Mar. 11, by Commissioner Pub. Wks., paving, stone, curbing, sand grit, gravel, crushed stone, bitumen for top dressing, etc., for year ending Dec. 31, 1926. C. E. P. Babcock, Municipal Bldg., engr.

Lumber—Jones, La.—Apr. 6, by Police Jury Morehouse Parish, Bastrop, J. W. Brodnax, pres., 39,000 ft. creosoted lumber, 4,300 ft. creosoted piling and 28,000 ft. untreated lumber, for Project 77, delivered on Missouri Pacific R.R., here.

Limestone—Chicago, Ill.—Mar. 10, by City, City Hall, crushed limestone required for the year. A. A. Sprague, comr.

Road Oil—Chicago, Ill.—Mar. 9, by City, City Hall, petroleum distillate oil and road oil required for the year. A. A. Sprague, comr.

Road Tar—La Crosse, Wis.—Mar. 9, by J. Hintgen, highway comr. La Crosse Co., season's supply of road tar.

Road Oil—Sturgeon Bay, Wis.—Mar. 20, by E. S. Ackerman, city clk., 10,000 gal. oil for dirt and 30,000 gal. oil for macadam roads.

Bituminous Material, etc.—Iowa—Mar. 16, by State Hy. Dept., Ames, bituminous material, paints, and truck tires for maintenance work. F. R. White, ch. engr.

Oils, etc.—Iowa—Mar. 9, by State Hy. Dept., Ames, gasoline, kerosene and lubricating oils and greases for maintenance work. F. R. White, ch. engr.

Road Signs — Minnesota — Mar. 15, by State Hy. Dept., St. Paul, road signs for state roads.

Pipe — Dallas, Tex. — City, c/o M. G. James, secy., taking bids 20,000 ft. ¾ in. and 5,000 ft. each 1 and 2 in. wrought iron pipe.

Pipe—Montreal, Que.——Mar. 22, by Chairman Executive Com., 2,400 lin.ft. 4 in., 7,200 lin.ft. 6 in., 60,000 lin.ft. 8 in., 7,200 lin.ft. 10 in., and 1,200 lin.ft. 12 in. c.i. pipe.

Asphalt, etc.—London, Ont.—Mar. 9, by W. P. Near, engr., City Hall, in market refined asphalt, Portland cement, sewer pipe, road oil, broken stone, limestone, tile and iron castings. $200,000. Noted Nov. 12.

BIDS RECEIVED

Asphaltic Cement—St. George, N. Y.—J. A. Lynch, pres. Richmond Boro, Boro Hall, Feb. 24, from J. E. Donovan, 2205 Richmond Terrace, Port Richmond, 276,000 gal. asphaltic binder $38,640, 2,600 cu.yd. 1½ in. stone $8,450, 450 cu.yd. ¾ in. stone $1,462, 500 cu.yd. screenings $1,625, 1,850 cu.yd. trap rock screenings $7,400 and 1,650 cu.yd. gravel for Dist. 1, $4,125; from Liberty Mason Supply Co., 67 Grant St., 1,100 cu.yd. concrete sand $2,453, 3,800 cu.yd. 1½ in. stone $11,932, 225 cu.yd. ¾ in. stone $707, 225 cu.yd. screenings $707; from Hygrade Builders Supply Co., 6th St. and 2nd Ave., Brooklyn, 3,900 cu.yd. 1½ in. stone $15,132, 175 cu.yd. ¾ in. stone $679, and 150 cu.yd. screenings $582; from J. Johnson Sons, 455 Bway., West New Brighton, 1,700 cu.yd. pea gravel for Dist. 2 $5,015 and 1,850 cu.yd. pea gravel for Dist. 3, $5,365, from Standard Oil Co., 26 Bway., New York City, 300 tons ahphaltic cement $6,768; and from F. J. Lewis Mfg. Co., Eastern Blvd. and 177th St., New York City, 100,000 gal. road material $10,200. Noted Feb. 18.

Road Oil—Marshfield, Wis.—J. A. Schindler, city clk., Feb. 11, 5 car loads or more road oil, from Marshfield Oil Co., Marshfield, at $0.0617 per gal. Noted Feb. 4.

Cement and Sewer Brick—St. Paul, Minn.—A. E. Eggert, city purch. agt., Feb. 9, 1,830 bbl. Portland cement, from Speakes Co., Griggs and Fuller Sts. and four other bidders, each $2.45 per bbl. on cars and $2.60 delivered, 5% cash discount; and 110,000 sewer bricks, from Twin City Brick Co., 515 Pioneer Bldg. and four other bidders, each $16.10 per M. Noted Feb. 4.

CONTRACTS AWARDED

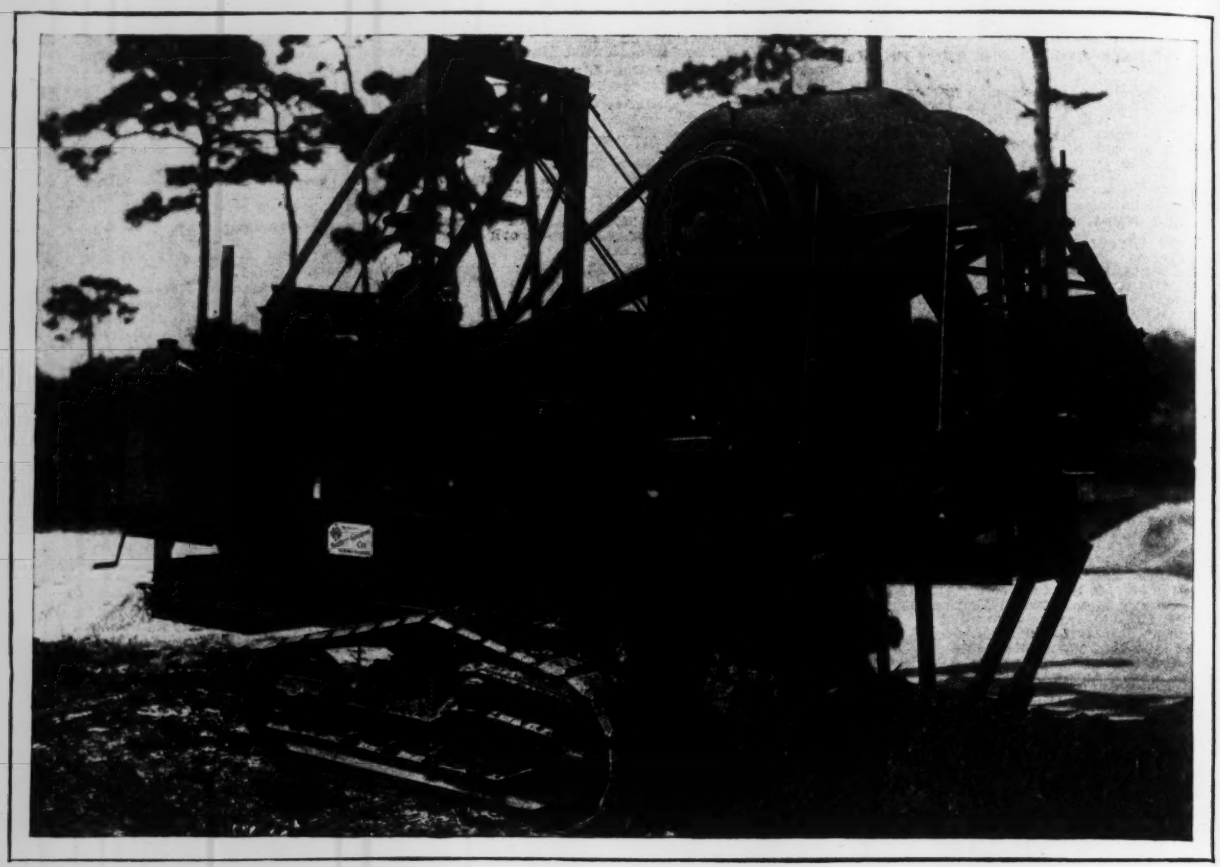
Sand Grit—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., 3,000 cu.yd. sand grit and 3,000 cu.yd. concrete and paving sand, to Rosoff Sand & Gravel Co., 152 West 42nd St., New York City, $4,335 each. Noted Feb. 25.

Steel—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., structural steel for Sect. 4A, Route 78, portion Rapid Transit R.R., to Bethlehem Steel Co., Inc., 25 Bway., $452,340. Noted Dec. 31.

Timber—New Orleans, La.—Port Comrs., approximately 233,000 ft. creosoted timber, to Gulf States Creosote Co., Whitney Bldg., $17,077. Noted Feb. 2.

Pipe, etc.—Toronto, Ont.—T. Foster, mayor and chn. Bd. Control, City Hall, to Natl. Iron Corp. foot Cherry St., 30 lengths 30 in. pipe at $146 per length, 239 lengths 20 in. extra heavy pipe with flanges $139.80, and 300 lengths 8 in. bell and spigot at $29.80; to Canada Metal Co., 39 Fraser Ave., Tobin bronze castings at $0.26 per lb.; to Petrie Brass Wks., 63 Sterling Rd., brass castings $0.19¾ per lb. Engrs. est. $50,000.

See proposal advertisements on page 151, Advertising Section.



Buda-equipped Barber-Greene ditcher

On to Florida

In Florida, where everything is labelled "rush," development work must be finished with speed and dispatch.

The Barber-Greene ditcher shown here was used in opening gas main trenches through coral rock in Florida. This machine worked out so well—saving time and cutting costs—that the Barber-Greene Company received orders for five more Buda-equipped ditchers to be used in Miami on similar work.

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